



April 22, 2020

Pfizer Inc.  
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Via e-mail and U.S. Postal Service

David N. Cuevas-Miranda, Ph.D.  
Geologist/Marine Scientist  
Senior RCRA Corrective Action Project Manager  
US EPA-Region 2  
Caribbean Environmental Protection Division  
City View Plaza II, Suite 7000  
Guaynabo, Puerto Rico 00968

**RE: Pfizer Pharmaceuticals, LLC, Carolina Site  
S1-2020 Semi-Annual Monitoring and Remediation Status Data Summary Report  
65<sup>th</sup> Infantry Avenue, Km. 9.7  
Carolina, Puerto Rico**

Dear Mr. Cuevas:

On behalf of Pfizer Pharmaceuticals, LLC (PPLLC), please find attached a Remediation Status and Semi-Annual Monitoring Data Summary Report prepared by Golder Associates Inc. that presents the first semester (S1) 2020 post-remediation groundwater monitoring results for the PPLLC Carolina site remediation project. The next semi-annual monitoring event is tentatively scheduled for September 2020, with two years of semi-annual monitoring to continue to March 2021.

In general, remediation results continue to be very favorable, such that no additional treatment amendments are currently planned.

Should you have any questions about the report, please don't hesitate to contact me at w.gierke@pfizer.com.

Sincerely,

A handwritten signature in blue ink that reads "William G. Gierke".

William G. Gierke, P.G., Senior Manager  
Pfizer Inc.

cc. Lorna Rodriguez, EQB  
Golder Associates Inc. – Cover Letter Only



## TECHNICAL MEMORANDUM

**DATE** April 22, 2020 **Project No.** 103-82746.B

**TO** Mr. William G. Gierke  
Pfizer, Inc.

**CC** Jeff Paul

**FROM** Matthew C. Crews **EMAIL** [mcrews@golder.com](mailto:mcrews@golder.com)

**RE: REMEDIATION STATUS AND DATA SUMMARY REPORT  
FORMER PFIZER PHARMACEUTICAL FACILITY IN CAROLINA, PUERTO RICO**

Golder Associates Inc. (Golder) has prepared this Technical Memorandum to summarize post-remediation performance monitoring results at the former Pfizer facility in Carolina, Puerto Rico (the site) on behalf of Pfizer Pharmaceuticals LLC. A Remedial Action Plan was submitted to the US Environmental Protection Agency in July 2014 and implementation began immediately thereafter. The following sections summarize the previously completed amendment injection activities and the semi-annual groundwater performance monitoring event completed in March 2020.

### AMENDMENT INJECTIONS

A total of seven amendment injection events have been completed as part of the Remedial Action Plan implementation. The most recent injection event was completed in May 2018. The well locations are shown on Figure 1. A summary of the volume of amendment injected in site wells is presented in Table 1.

### PERFORMANCE MONITORING

Semi-Annual groundwater performance monitoring activities were conducted in March 2020. The results are summarized in Tables 2 through 4. The results are also shown on Figures 2 through 4. A copy of the laboratory analytical report is included in Attachment A.

Prior to full-scale remedial implementation, trichloroethene (TCE) concentrations in groundwater were above the  $10^{-5}$  site-specific groundwater risk-based closure criteria (RBCC) in several wells. Since full-scale implementation, TCE concentrations have substantially decreased, reducing the footprint of TCE impacts, below the groundwater RBCC in each monitoring well. Tetrachloroethene (PCE) concentrations (from a suspected off-site source) have also decreased at the site, although concentrations were below the RBCC prior to remedial implementation.

Vinyl chloride (VC) concentrations in groundwater were above the  $10^{-6}$  RBCC (albeit below the  $10^{-5}$  RBCC) in six of the monitoring and injection wells sampled in March 2020 (i.e. MW-16S, MW-18S, MW-20S, INJ-6, INJ-30, and INJ-38). Notably, some of these exceedances occurred only after full-scale remedial implementation. This is often seen following amendment injections, as vinyl chloride is typically generated from the biological reduction of PCE and TCE. The footprint of VC exceedances of the RBCC has decreased since full-scale implementation, showing that VC is degrading. VC concentrations will continue to degrade and decline, as supported by previous treatment results and the confirmed presence and significant counts of vinyl chloride-reductase genes in groundwater, per data provided in Golder's August 2017 Progress Report for Remedial Activities at the Former Pfizer Pharmaceutical Facility in Carolina, Puerto Rico.

## NEXT ACTIONS TENTATIVELY PLANNED

As previously proposed to EPA, semi-annual groundwater performance monitoring activities will continue until March 2021 (2 years), with subsequent monitoring dependent upon post-remediation monitoring results. The performance monitoring plan is shown in Table 5. The next groundwater monitoring event is tentatively scheduled for September 2020.

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Attachment A Laboratory Analytical Report

MCC/JP/ams

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## TABLES

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

| Injection Well ID | Screened Interval (feet bgs) | Injection Dates | Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg) | Approximate Mass EOS Pro Per 1,000 Gallons of water (kg) | Approximate Mass EOS 100 Per 1,000 Gallons of water (kg) | Approximate Mass Sodium Lactate Injected (kg) | Approximate Mass EOS Pro Injected (kg) | Approximate Mass EOS 100 Injected (kg) | Injection Water Volume <sup>A</sup> (gal) | Flush Water Volume <sup>A</sup> (gal) | Total Injection Volume (gal) |
|-------------------|------------------------------|-----------------|---|--|--|---|--|--|---|---------------------------------------|------------------------------|
| INJ-1             | 20 - 40                      | February 2015   | 20  | 0  | 0.0  | 20.9  | 0.0                                    | 0.0                                    | 1,046                                     | 99                                    | 1,145                        |
|                   |                              | July 2015       | 20  | 11   | 0.0  | 21.0  | 11.6                                   | 0.0                                    | 1,052                                     | 48                                    | 1,100                        |
|                   |                              | December 2015   | 0   | 36.7   | 0.0  | 0.0   | 73.9                                   | 0.0                                    | 2,014                                     | 59                                    | 2,073                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 77.2                                   | 0.0                                    | 2,104                                     | 148                                   | 2,252                        |
|                   |                              | February 2017   | 0   | 0  | 94.4   | 0.0   | 0.0                                    | 209.4                                  | 2,219                                     | 100                                   | 2,319                        |
|                   |                              | May 2018        | 0   | 0  | 55.3   | 0.0   | 0.0                                    | 110.4                                  | 1,995                                     | 251                                   | 2,246                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>42.0</b>                                   | <b>162.7</b>                           | <b>319.8</b>                           | <b>10,430</b>                             | <b>705</b>                            | <b>11,135</b>                |
| INJ-2             | 19 - 40                      | February 2015   | 20  | 0  | 0.0  | 20.3  | 0.0                                    | 0.0                                    | 1,014                                     | 98                                    | 1,112                        |
|                   |                              | July 2015       | 20  | 11   | 0.0  | 20.9  | 11.5                                   | 0.0                                    | 1,046                                     | 47                                    | 1,093                        |
|                   |                              | December 2015   | 0   | 36.7   | 0.0  | 0.0   | 77.3                                   | 0.0                                    | 2,107                                     | 51                                    | 2,158                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 70.4                                   | 0.0                                    | 1,918                                     | 227                                   | 2,145                        |
|                   |                              | February 2017   | 0   | 0  | 94.4   | 0.0   | 0.0                                    | 210.5                                  | 2,231                                     | 100                                   | 2,331                        |
|                   |                              | May 2018        | 0   | 0  | 55.3   | 0.0   | 0.0                                    | 111.9                                  | 2,022                                     | 120                                   | 2,142                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>41.2</b>                                   | <b>159.2</b>                           | <b>322.4</b>                           | <b>10,338</b>                             | <b>643</b>                            | <b>10,981</b>                |
| INJ-3             | 19 - 40                      | February 2015   | 20  | 0  | 0.0  | 19.1  | 0.0                                    | 0.0                                    | 953                                       | 100                                   | 1,053                        |
|                   |                              | July 2015       | 20  | 11   | 0.0  | 20.6  | 11.4                                   | 0.0                                    | 1,032                                     | 47                                    | 1,079                        |
|                   |                              | December 2015   | 0   | 36.7   | 0.0  | 0.0   | 76.6                                   | 0.0                                    | 2,087                                     | 62                                    | 2,149                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 77.8                                   | 0.0                                    | 2,119                                     | 279                                   | 2,398                        |
|                   |                              | February 2017   | 0   | 0  | 94.4   | 0.0   | 0.0                                    | 221.3                                  | 2,346                                     | 100                                   | 2,446                        |
|                   |                              | May 2018        | 0   | 0  | 55.3   | 0.0   | 0.0                                    | 110.7                                  | 2,000                                     | 194                                   | 2,194                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>39.7</b>                                   | <b>165.7</b>                           | <b>332.0</b>                           | <b>10,537</b>                             | <b>782</b>                            | <b>11,319</b>                |
| INJ-4             | 40 - 50                      | February 2015   | 20  | 0  | 0.0  | 2.0   | 0.0                                    | 0.0                                    | 100                                       | 0                                     | 100                          |
|                   |                              | July 2015       | 0   | 36.7   | 0.0  | 0.0   | 5.8                                    | 0.0                                    | 158                                       | 10                                    | 168                          |
|                   |                              | December 2015   | 0   | 36.7   | 0.0  | 0.0   | 37.9                                   | 0.0                                    | 1,033                                     | 65                                    | 1,098                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 3.8                                    | 0.0                                    | 104                                       | 13                                    | 117                          |
|                   | <b>Total</b>                 |                 |   |  |  | <b>2.0</b>                                    | <b>47.5</b>                            | <b>0.0</b>                             | <b>1,395</b>                              | <b>88</b>                             | <b>1,483</b>                 |
| INJ-5             | 40 - 50                      | February 2015   | 20  | 0  | 0.0  | 25.6  | 0.0                                    | 0.0                                    | 1,280                                     | 100                                   | 1,380                        |
|                   |                              | September 2015  | 0   | 36.7   | 0.0  | 0.0   | 51.1                                   | 0.0                                    | 1,393                                     | 73                                    | 1,466                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 46.7                                   | 0.0                                    | 1,273                                     | 147                                   | 1,420                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>25.6</b>                                   | <b>97.8</b>                            | <b>0.0</b>                             | <b>3,946</b>                              | <b>320</b>                            | <b>4,266</b>                 |
| INJ-6             | 40 - 50                      | February 2015   | 20  | 0  | 0.0  | 28.0  | 0.0                                    | 0.0                                    | 1,401                                     | 100                                   | 1,501                        |
|                   |                              | September 2015  | 0   | 36.7   | 0.0  | 0.0   | 54.7                                   | 0.0                                    | 1,491                                     | 64                                    | 1,555                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 48.0                                   | 0.0                                    | 1,309                                     | 124                                   | 1,433                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>28.0</b>                                   | <b>102.8</b>                           | <b>0.0</b>                             | <b>4,201</b>                              | <b>288</b>                            | <b>4,489</b>                 |

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

| Injection Well ID | Screened Interval (feet bgs) | Injection Dates | Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg) | Approximate Mass EOS Pro Per 1,000 Gallons of water (kg) | Approximate Mass EOS 100 Per 1,000 Gallons of water (kg) | Approximate Mass Sodium Lactate Injected (kg) | Approximate Mass EOS Pro Injected (kg) | Approximate Mass EOS 100 Injected (kg) | Injection Water Volume <sup>A</sup> (gal) | Flush Water Volume <sup>A</sup> (gal) | Total Injection Volume (gal) |
|-------------------|------------------------------|-----------------|---|--|--|---|--|--|---|---------------------------------------|------------------------------|
| INJ-7             | 50 - 60                      | February 2015   | 20  | 0  | 0.0  | 20.4  | 0.0                                    | 0.0                                    | 1,019                                     | 103                                   | 1,122                        |
|                   |                              | July 2015       | 20  | 11   | 0.0  | 19.0  | 10.5                                   | 0.0                                    | 950                                       | 56                                    | 1,006                        |
|                   |                              | October 2015    | 0   | 36.7   | 0.0  | 0.0   | 37.7                                   | 0.0                                    | 1,027                                     | 48                                    | 1,075                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 36.7                                   | 0.0                                    | 1,000                                     | 50                                    | 1,050                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>39.4</b>                                   | <b>84.8</b>                            | <b>0.0</b>                             | <b>3,996</b>                              | <b>257</b>                            | <b>4,253</b>                 |
|                   |                              |                 |   |  |  |   |  |  |   |                                       |                              |
| INJ-8             | 40 - 50                      | February 2015   | 20  | 0  | 0.0  | 21.0  | 0.0                                    | 0.0                                    | 1,049                                     | 92                                    | 1,141                        |
|                   |                              | July 2015       | 20  | 11   | 0.0  | 20.1  | 11.0                                   | 0.0                                    | 1,003                                     | 54                                    | 1,057                        |
|                   |                              | October 2015    | 0   | 36.7   | 0.0  | 0.0   | 37.3                                   | 0.0                                    | 1,015                                     | 49                                    | 1,064                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 36.7                                   | 0.0                                    | 1,000                                     | 50                                    | 1,050                        |
|                   |                              | May 2018        | 0   | 73.6   | 0.0  | 0.0   | 69.7                                   | 0.0                                    | 947                                       | 110                                   | 1,057                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>41.0</b>                                   | <b>154.7</b>                           | <b>0.0</b>                             | <b>5,014</b>                              | <b>355</b>                            | <b>5,369</b>                 |
|                   |                              |                 |   |  |  |   |  |  |   |                                       |                              |
| INJ-9             | 50 - 60                      | February 2015   | 20  | 0  | 0.0  | 20.3  | 0.0                                    | 0.0                                    | 1,017                                     | 104                                   | 1,121                        |
|                   |                              | July 2015       | 20  | 11   | 0.0  | 21.1  | 11.6                                   | 0.0                                    | 1,056                                     | 50                                    | 1,106                        |
|                   |                              | October 2015    | 0   | 36.7   | 0.0  | 0.0   | 43.4                                   | 0.0                                    | 1,182                                     | 69                                    | 1,251                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 36.7                                   | 0.0                                    | 1,000                                     | 50                                    | 1,050                        |
|                   |                              | May 2018        | 0   | 73.6   | 0.0  | 0.0   | 36.8                                   | 0.0                                    | 500                                       | 113                                   | 613                          |
|                   |                              | <b>Total</b>    |   |  |  | <b>41.5</b>                                   | <b>128.5</b>                           | <b>0.0</b>                             | <b>4,755</b>                              | <b>386</b>                            | <b>5,141</b>                 |
|                   |                              |                 |   |  |  |   |  |  |   |                                       |                              |
| INJ-10            | 40 - 50                      | February 2015   | 20  | 0  | 0.0  | 22.4  | 0.0                                    | 0.0                                    | 1,122                                     | 100                                   | 1,222                        |
|                   |                              | July 2015       | 20  | 11   | 0.0  | 21.8  | 12.0                                   | 0.0                                    | 1,090                                     | 51                                    | 1,141                        |
|                   |                              | October 2015    | 0   | 36.7   | 0.0  | 0.0   | 44.1                                   | 0.0                                    | 1,201                                     | 58                                    | 1,259                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 0.8                                    | 0.0                                    | 22  | 50                                    | 72                           |
|                   |                              | May 2018        | 0   | 73.6   | 0.0  | 0.0   | 33.5                                   | 0.0                                    | 455                                       | 100                                   | 555                          |
|                   |                              | <b>Total</b>    |   |  |  | <b>44.2</b>                                   | <b>90.4</b>                            | <b>0.0</b>                             | <b>3,890</b>                              | <b>359</b>                            | <b>4,249</b>                 |
|                   |                              |                 |   |  |  |   |  |  |   |                                       |                              |
| INJ-11            | 50 - 60                      | February 2015   | 20  | 0  | 0.0  | 20.5  | 0.0                                    | 0.0                                    | 1,024                                     | 100                                   | 1,124                        |
|                   |                              | July 2015       | 20  | 11   | 0.0  | 9.9   | 5.4                                    | 0.0                                    | 494                                       | 50                                    | 544                          |
|                   |                              | October 2015    | 0   | 36.7   | 0.0  | 0.0   | 17.1                                   | 0.0                                    | 467                                       | 26                                    | 493                          |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 4.2                                    | 0.0                                    | 115                                       | 50                                    | 165                          |
|                   |                              | May 2018        | 0   | 75.9   | 0.0  | 0.0   | 36.4                                   | 0.0                                    | 479                                       | 84                                    | 563                          |
|                   |                              | <b>Total</b>    |   |  |  | <b>30.4</b>                                   | <b>63.1</b>                            | <b>0.0</b>                             | <b>2,579</b>                              | <b>310</b>                            | <b>2,889</b>                 |
|                   |                              |                 |   |  |  |   |  |  |   |                                       |                              |
| INJ-12            | 40 - 50                      | February 2015   | 20  | 0  | 0.0  | 20.8  | 0.0                                    | 0.0                                    | 1,041                                     | 104                                   | 1,145                        |
|                   |                              | July 2015       | 20  | 11   | 0.0  | 20.4  | 11.2                                   | 0.0                                    | 1,022                                     | 50                                    | 1,072                        |
|                   |                              | October 2015    | 0   | 36.7   | 0.0  | 0.0   | 42.4                                   | 0.0                                    | 1,155                                     | 57                                    | 1,212                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 10.4                                   | 0.0                                    | 285                                       | 50                                    | 335                          |
|                   |                              | May 2018        | 0   | 75.9   | 0.0  | 0.0   | 38.7                                   | 0.0                                    | 510                                       | 100                                   | 610                          |
|                   |                              | <b>Total</b>    |   |  |  | <b>41.3</b>                                   | <b>102.8</b>                           | <b>0.0</b>                             | <b>4,013</b>                              | <b>361</b>                            | <b>4,374</b>                 |

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

| Injection Well ID | Screened Interval (feet bgs) | Injection Dates | Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg) | Approximate Mass EOS Pro Per 1,000 Gallons of water (kg) | Approximate Mass EOS 100 Per 1,000 Gallons of water (kg) | Approximate Mass Sodium Lactate Injected (kg) | Approximate Mass EOS Pro Injected (kg) | Approximate Mass EOS 100 Injected (kg) | Injection Water Volume <sup>A</sup> (gal) | Flush Water Volume <sup>A</sup> (gal) | Total Injection Volume (gal) |
|-------------------|------------------------------|-----------------|---|--|--|---|--|--|---|---------------------------------------|------------------------------|
| INJ-13            | 35 - 45                      | February 2015   | 20  | 0  | 0.0  | 20.9  | 0.0                                    | 0.0                                    | 1,044                                     | 100                                   | 1,144                        |
|                   |                              | October 2015    | 0   | 36.7   | 0.0  | 0.0   | 37.6                                   | 0.0                                    | 1,024                                     | 53                                    | 1,077                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 36.7                                   | 0.0                                    | 1,000                                     | 50                                    | 1,050                        |
|                   |                              | May 2018        | 0   | 75.9   | 0.0  | 0.0   | 68.6                                   | 0.0                                    | 903                                       | 100                                   | 1,003                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>20.9</b>                                   | <b>142.8</b>                           | <b>0.0</b>                             | <b>3,971</b>                              | <b>303</b>                            | <b>4,274</b>                 |
| INJ-14            | 37 - 47                      | February 2015   | 20  | 0  | 0.0  | 20.2  | 0.0                                    | 0.0                                    | 1,008                                     | 100                                   | 1,108                        |
|                   |                              | October 2015    | 0   | 36.7   | 0.0  | 0.0   | 36.4                                   | 0.0                                    | 991                                       | 54                                    | 1,045                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 36.7                                   | 0.0                                    | 1,000                                     | 50                                    | 1,050                        |
|                   |                              | May 2018        | 0   | 75.9   | 0.0  | 0.0   | 66.4                                   | 0.0                                    | 874                                       | 100                                   | 974                          |
|                   | <b>Total</b>                 |                 |   |  |  | <b>20.2</b>                                   | <b>139.4</b>                           | <b>0.0</b>                             | <b>3,873</b>                              | <b>304</b>                            | <b>4,177</b>                 |
| INJ-15            | 27 - 37                      | July 2015       | 20  | 11   | 0.0  | 20.7  | 11.4                                   | 0.0                                    | 1,034                                     | 42                                    | 1,076                        |
|                   |                              | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 36.7                                   | 0.0                                    | 1,000                                     | 155                                   | 1,155                        |
|                   |                              | February 2017   | 0   | 0  | 94.4   | 0.0   | 0.0                                    | 178.8                                  | 1,895                                     | 100                                   | 1,995                        |
|                   |                              | May 2018        | 0   | 0  | 169.3  | 0.0   | 0.0                                    | 255.8                                  | 1,511                                     | 104                                   | 1,615                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>20.7</b>                                   | <b>48.1</b>                            | <b>434.6</b>                           | <b>5,440</b>                              | <b>401</b>                            | <b>5,841</b>                 |
| INJ-16            | 26 - 36                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 37.7                                   | 0.0                                    | 1,028                                     | 274                                   | 1,302                        |
|                   |                              | May 2018        | 0   | 0  | 169.3  | 0.0   | 0.0                                    | 95.3                                   | 563                                       | 198                                   | 761                          |
|                   | <b>Total</b>                 |                 |   |  |  | <b>0.0</b>                                    | <b>37.7</b>                            | <b>95.3</b>                            | <b>1,591</b>                              | <b>472</b>                            | <b>2,063</b>                 |
| INJ-17            | 26 - 31                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 40.8                                   | 0.0                                    | 1,112                                     | 205                                   | 1,317                        |
|                   |                              | May 2018        | 0   | 0  | 169.3  | 0.0   | 0.0                                    | 95.0                                   | 561                                       | 135                                   | 696                          |
|                   | <b>Total</b>                 |                 |   |  |  | <b>0.0</b>                                    | <b>40.8</b>                            | <b>95.0</b>                            | <b>1,673</b>                              | <b>340</b>                            | <b>2,013</b>                 |
| INJ-18            | 25 - 30                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 19.4                                   | 0.0                                    | 529                                       | 123                                   | 652                          |
|                   | <b>Total</b>                 |                 |   |  |  | <b>0.0</b>                                    | <b>19.4</b>                            | <b>0.0</b>                             | <b>529</b>                                | <b>123</b>                            | <b>652</b>                   |
| INJ-19            | 25 - 35                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 45.4                                   | 0.0                                    | 1,238                                     | 195                                   | 1,433                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>0.0</b>                                    | <b>45.4</b>                            | <b>0.0</b>                             | <b>1,238</b>                              | <b>195</b>                            | <b>1,433</b>                 |
| INJ-20            | 37 - 47                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 49.3                                   | 0.0                                    | 1,342                                     | 100                                   | 1,442                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>0.0</b>                                    | <b>49.3</b>                            | <b>0.0</b>                             | <b>1,342</b>                              | <b>100</b>                            | <b>1,442</b>                 |
| INJ-21            | 43 - 58                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 48.3                                   | 0.0                                    | 1,315                                     | 26                                    | 1,341                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>0.0</b>                                    | <b>48.3</b>                            | <b>0.0</b>                             | <b>1,315</b>                              | <b>26</b>                             | <b>1,341</b>                 |
| INJ-22            | 43 - 53                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 36.7                                   | 0.0                                    | 1,000                                     | 116                                   | 1,116                        |
|                   |                              | April 2018      | 0   | 0  | 110.1  | 0.0   | 0.0                                    | 111.6                                  | 1,014                                     | 100                                   | 1,114                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>0.0</b>                                    | <b>36.7</b>                            | <b>111.6</b>                           | <b>2,014</b>                              | <b>216</b>                            | <b>2,230</b>                 |
| INJ-23            | 42 - 49                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 36.7                                   | 0.0                                    | 1,000                                     | 55                                    | 1,055                        |
|                   |                              | April 2018      | 0   | 0  | 110.1  | 0.0   | 0.0                                    | 110.1                                  | 1,000                                     | 100                                   | 1,100                        |
|                   | <b>Total</b>                 |                 |   |  |  | <b>0.0</b>                                    | <b>36.7</b>                            | <b>110.1</b>                           | <b>2,000</b>                              | <b>155</b>                            | <b>2,155</b>                 |

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

| Injection Well ID | Screened Interval (feet bgs) | Injection Dates | Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg) | Approximate Mass EOS Pro Per 1,000 Gallons of water (kg) | Approximate Mass EOS 100 Per 1,000 Gallons of water (kg) | Approximate Mass Sodium Lactate Injected (kg) | Approximate Mass EOS Pro Injected (kg) | Approximate Mass EOS 100 Injected (kg) | Injection Water Volume <sup>A</sup> (gal) | Flush Water Volume <sup>A</sup> (gal) | Total Injection Volume (gal) |
|-------------------|------------------------------|-----------------|---|--|--|---|--|--|---|---------------------------------------|------------------------------|
| INJ-24            | 41 - 51                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 36.7                                   | 0.0                                    | 1,000                                     | 184                                   | 1,184                        |
|                   |                              | April 2018      | 0   | 0  | 110.1  | 0.0   | 0.0                                    | 111.3                                  | 1,011                                     | 104                                   | 1,115                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>36.7</b>                            | <b>111.3</b>                           | <b>2,011</b>                              | <b>288</b>                            | <b>2,299</b>                 |
| INJ-25            | 44 - 54                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 42.2                                   | 0.0                                    | 1,151                                     | 50                                    | 1,201                        |
|                   |                              | April 2018      | 0   | 102.1  | 0.0  | 0.0   | 95.2                                   | 0.0                                    | 933                                       | 108                                   | 1,041                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>137.5</b>                           | <b>0.0</b>                             | <b>2,084</b>                              | <b>158</b>                            | <b>2,242</b>                 |
| INJ-26            | 19 - 36                      | January 2016    | 0   | 36.7   | 0.0  | 0.0   | 65.6                                   | 0.0                                    | 1,787                                     | 131                                   | 1,918                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>65.6</b>                            | <b>0.0</b>                             | <b>1,787</b>                              | <b>131</b>                            | <b>1,918</b>                 |
| INJ-27            | 33 - 43                      | February 2017   | 0   | 52.5   | 0.0  | 0.0   | 52.5                                   | 0.0                                    | 1,000                                     | 100                                   | 1,100                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>52.5</b>                            | <b>0.0</b>                             | <b>1,000</b>                              | <b>100</b>                            | <b>1,100</b>                 |
| INJ-28            | 33 - 53                      | February 2017   | 0   | 52.5   | 0.0  | 0.0   | 106.3                                  | 0.0                                    | 2,024                                     | 100                                   | 2,124                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>106.3</b>                           | <b>0.0</b>                             | <b>2,024</b>                              | <b>100</b>                            | <b>2,124</b>                 |
| INJ-29            | 26.5 - 36.5                  | February 2017   | 0   | 52.5   | 0.0  | 0.0   | 52.5                                   | 0.0                                    | 1,000                                     | 100                                   | 1,100                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>52.5</b>                            | <b>0.0</b>                             | <b>1,000</b>                              | <b>100</b>                            | <b>1,100</b>                 |
| INJ-30            | 32.5 - 42.5                  | February 2017   | 0   | 52.5   | 0.0  | 0.0   | 52.5                                   | 0.0                                    | 1,000                                     | 100                                   | 1,100                        |
|                   |                              | April 2018      | 0   | 167.5  | 0.0  | 0.0   | 161.2                                  | 0.0                                    | 962                                       | 134                                   | 1,096                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>213.7</b>                           | <b>0.0</b>                             | <b>1,962</b>                              | <b>234</b>                            | <b>2,196</b>                 |
| INJ-31            | 40.4 - 61                    | February 2017   | 0   | 0  | 94.4   | 0.0   | 0.0                                    | 120.1                                  | 1,273                                     | 72                                    | 1,345                        |
|                   |                              | May 2018        | 0   | 0  | 169.3  | 0.0   | 0.0                                    | 64.5                                   | 381                                       | 44                                    | 425                          |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>0.0</b>                             | <b>184.6</b>                           | <b>1,654</b>                              | <b>116</b>                            | <b>1,770</b>                 |
| INJ-32            | 58.1 - 78                    | February 2017   | 0   | 0  | 29.6   | 0.0   | 0.0                                    | 59.2                                   | 2,000                                     | 0                                     | 2,000                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>0.0</b>                             | <b>59.2</b>                            | <b>2,000</b>                              | <b>0</b>                              | <b>2,000</b>                 |
| INJ-33            | 41.1 - 61.75                 | February 2017   | 0   | 0  | 68.5   | 0.0   | 0.0                                    | 137.1                                  | 2,003                                     | 100                                   | 2,103                        |
|                   |                              | April 2018      | 0   | 0  | 77.7   | 0.0   | 0.0                                    | 185.2                                  | 2,384                                     | 173                                   | 2,557                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>0.0</b>                             | <b>322.4</b>                           | <b>4,387</b>                              | <b>273</b>                            | <b>4,660</b>                 |
| INJ-34            | 43.4 - 63                    | February 2017   | 0   | 0  | 68.5   | 0.0   | 0.0                                    | 113.5                                  | 1,658                                     | 100                                   | 1,758                        |
|                   |                              | April 2018      | 0   | 0  | 77.7   | 0.0   | 0.0                                    | 61.0                                   | 785                                       | 76                                    | 861                          |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>0.0</b>                             | <b>174.5</b>                           | <b>2,443</b>                              | <b>176</b>                            | <b>2,619</b>                 |
| INJ-35            | 43 - 63                      | February 2017   | 0   | 0  | 68.5   | 0.0   | 0.0                                    | 148.5                                  | 2,170                                     | 100                                   | 2,270                        |
|                   |                              | April 2018      | 0   | 0  | 77.7   | 0.0   | 0.0                                    | 197.8                                  | 2,545                                     | 139                                   | 2,684                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>0.0</b>                             | <b>346.3</b>                           | <b>4,715</b>                              | <b>239</b>                            | <b>4,954</b>                 |
| INJ-36            | 30.91 - 40.36                | February 2017   | 0   | 89.3   | 0.0  | 0.0   | 70.8                                   | 0.0                                    | 793                                       | 100                                   | 893                          |
|                   |                              | April 2018      | 0   | 102.1  | 0.0  | 0.0   | 100.8                                  | 0.0                                    | 987                                       | 100                                   | 1,087                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>171.5</b>                           | <b>0.0</b>                             | <b>1,780</b>                              | <b>200</b>                            | <b>1,980</b>                 |

**TABLE 1**  
**SUMMARY OF AMENDMENT INJECTIONS**

Former Wyeth, Carolina Facility, Puerto Rico

| Injection Well ID | Screened Interval (feet bgs) | Injection Dates | Approximate Mass Sodium Lactate Per 1,000 Gallons of water (kg) | Approximate Mass EOS Pro Per 1,000 Gallons of water (kg) | Approximate Mass EOS 100 Per 1,000 Gallons of water (kg) | Approximate Mass Sodium Lactate Injected (kg) | Approximate Mass EOS Pro Injected (kg) | Approximate Mass EOS 100 Injected (kg) | Injection Water Volume <sup>A</sup> (gal) | Flush Water Volume <sup>A</sup> (gal) | Total Injection Volume (gal) |
|-------------------|------------------------------|-----------------|---|--|--|---|--|--|---|---------------------------------------|------------------------------|
| INJ-37            | 32.7 - 42.4                  | February 2017   | 0   | 89.3   | 0.0  | 0.0   | 101.7                                  | 0.0                                    | 1,139                                     | 125                                   | 1,264                        |
|                   |                              | April 2018      | 0   | 167.5  | 0.0  | 0.0   | 160.8                                  | 0.0                                    | 960                                       | 108                                   | 1,068                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>262.5</b>                           | <b>0.0</b>                             | <b>2,099</b>                              | <b>233</b>                            | <b>2,332</b>                 |
| INJ-38            | 37 - 47                      | April 2018      | 0   | 172.9  | 0.0  | 0.0   | 175.9                                  | 0.0                                    | 1,017                                     | 100                                   | 1,117                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>175.9</b>                           | <b>0.0</b>                             | <b>1,017</b>                              | <b>100</b>                            | <b>1,117</b>                 |
| INJ-39            | 36 - 46                      | April 2018      | 0   | 172.9  | 0.0  | 0.0   | 174.1                                  | 0.0                                    | 1,007                                     | 100                                   | 1,107                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>174.1</b>                           | <b>0.0</b>                             | <b>1,007</b>                              | <b>100</b>                            | <b>1,107</b>                 |
| MW-26S            | 37 - 47                      | May 2018        | 0   | 102.5  | 0.0  | 0.0   | 94.0                                   | 0.0                                    | 917                                       | 185                                   | 1,102                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>94.0</b>                            | <b>0.0</b>                             | <b>917</b>                                | <b>185</b>                            | <b>1,102</b>                 |
| MW-29S            | 33 - 43                      | May 2018        | 0   | 102.5  | 0.0  | 0.0   | 102.0                                  | 0.0                                    | 995                                       | 180                                   | 1,175                        |
|                   |                              | <b>Total</b>    |   |  |  | <b>0.0</b>                                    | <b>102.0</b>                           | <b>0.0</b>                             | <b>995</b>                                | <b>180</b>                            | <b>1,175</b>                 |

Notes:

<sup>A</sup>Values calculated from injection manifold flow meter readings

bgs - below ground surface

kg - kilogram

gal - gallons

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

## **Former Wyeth, Carolina Facility, Puerto Rico**

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| WELL DESIGNATION              | MW-08S           |       |                  | MW-09S |                  |    | MW-10S           |       |                  | MW-11S |                  |    | MW-12S           |       |         | MW-13S |         |    | MW-14S |  |  |
|-------------------------------|------------------|-------|------------------|--------|------------------|----|------------------|-------|------------------|--------|------------------|----|------------------|-------|---------|--------|---------|----|--------|--|--|
| DIAMETER                      | 2                | in    | 2                | in     | 2                | in | 2                | in    | 2                | in     | 2                | in | 2                | in    | 2       | in     | 2       | in |        |  |  |
| WELL DEPTH                    | 40               | ft    | 21.4             | ft     | 40               | ft | 40               | ft    | 27.5             | ft     | 40               | ft | 40               | ft    | 40      | ft     | 40      | ft |        |  |  |
| SCREEN INTERVAL               | 30 - 40          | ft    | 11.4 - 21.4      | ft     | 30 - 40          | ft | 30 - 40          | ft    | 17.5 - 27.5      | ft     | 30 - 40          | ft | 30 - 40          | ft    | 30 - 40 | ft     | 30 - 40 | ft |        |  |  |
| TOC ELEVATION <sup>1</sup>    | 50.791           | ft    | 41.902           | ft     | 52.875           | ft | 52.901           | ft    | 44.443           | ft     | 56.045           | ft | 56.051           | ft    |         |        |         |    |        |  |  |
| SCREEN ELEVATION <sup>1</sup> | 20.791 to 10.791 | ft    | 30.502 to 20.502 | ft     | 22.909 to 12.909 | ft | 22.901 to 12.901 | ft    | 26.943 to 16.943 | ft     | 26.045 to 16.045 | ft | 26.108 to 16.108 | ft    |         |        |         |    |        |  |  |
| DATE                          | ELEV             | DTW   | FP               | ELEV   | DTW              | FP | ELEV             | DTW   | FP               | ELEV   | DTW              | FP | ELEV             | DTW   | FP      | ELEV   | DTW     | FP |        |  |  |
| 2/2/2011                      | NI               | NI    |                  | NI     | NI               |    | NI               | NI    |                  | NI     | NI               |    | NI               | NI    |         | NI     | NI      |    |        |  |  |
| 10/17/2011                    | 34.41            | 16.38 |                  | 37.20  | 4.70             |    | NI               | NI    |                  | NI     | NI               |    | NI               | NI    |         | NI     | NI      |    |        |  |  |
| 9/12/2012                     | 33.93            | 16.86 |                  | 36.91  | 4.99             |    | NI               | NI    |                  | NI     | NI               |    | NI               | NI    |         | NI     | NI      |    |        |  |  |
| 4/17/2013                     | NM               | NM    |                  | NM     | NM               |    | NI               | NI    |                  | NI     | NI               |    | NI               | NI    |         | NI     | NI      |    |        |  |  |
| 12/6/2013                     | 35.27            | 15.52 |                  | 37.93  | 3.97             |    | 35.84            | 17.04 |                  | 34.57  | 18.33            |    | 34.51            | 9.93  |         | 35.12  | 20.93   |    |        |  |  |
| 2/3/2015                      | 33.88            | 16.91 |                  | 37.02  | 4.88             |    | 34.34            | 18.54 |                  | 32.62  | 20.28            |    | 33.05            | 11.39 |         | 33.75  | 22.30   |    |        |  |  |
| 3/17/2015                     | NM               | NM    |                  | NM     | NM               |    | NM               | NM    |                  | NM     | NM               |    | NM               | NM    |         | 32.73  | 23.32   |    |        |  |  |
| 4/20/2015                     | NM               | NM    |                  | NM     | NM               |    | NM               | NM    |                  | NM     | NM               |    | NM               | NM    |         | 33.05  | 23.00   |    |        |  |  |
| 7/8/2015                      | 31.69            | 19.10 |                  | 35.47  | 6.43             |    | 32.13            | 20.75 |                  | 30.28  | 22.62            |    | 30.70            | 13.74 |         | 31.34  | 24.71   |    |        |  |  |
| 7/20/2016                     | 33.23            | 17.56 |                  | 36.70  | 5.20             |    | 33.70            | 19.18 |                  | 32.02  | 20.88            |    | 32.26            | 12.18 |         | 33.02  | 23.03   |    |        |  |  |
| 6/19/2017                     | NM               | NM    |                  | NM     | NM               |    | NM               | NM    |                  | NM     | NM               |    | NM               | NM    |         | 33.05  | 23.00   |    |        |  |  |
| 1/25/2018                     | NM               | NM    |                  | NM     | NM               |    | NM               | NM    |                  | NM     | NM               |    | NM               | NM    |         | 34.20  | 21.85   |    |        |  |  |
| 9/20/2018                     | NM               | NM    |                  | 36.85  | 5.05             |    | 33.75            | 19.13 |                  | 31.85  | 21.05            |    | 32.35            | 12.09 |         | 33.05  | 23.00   |    |        |  |  |
|                               |                  |       |                  |        |                  |    |                  |       |                  |        |                  |    |                  |       |         |        |         |    |        |  |  |
|                               |                  |       |                  |        |                  |    |                  |       |                  |        |                  |    |                  |       |         |        |         |    |        |  |  |
|                               |                  |       |                  |        |                  |    |                  |       |                  |        |                  |    |                  |       |         |        |         |    |        |  |  |
|                               |                  |       |                  |        |                  |    |                  |       |                  |        |                  |    |                  |       |         |        |         |    |        |  |  |

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| <b>WELL DESIGNATION</b>             | <b>MW-15S</b>   |            |           | <b>MW-16S</b>   |            |           | <b>MW-17S</b>   |            |           | <b>MW-18S</b>   |            |           | <b>MW-19S</b>   |            |           | <b>MW-20S</b>   |            |           | <b>MW-21S</b>   |            |           |   |  |
|-------------------------------------|-----------------|------------|-----------|-----------------|------------|-----------|-----------------|------------|-----------|-----------------|------------|-----------|-----------------|------------|-----------|-----------------|------------|-----------|-----------------|------------|-----------|---|--|
|                                     | <b>DIAMETER</b> | 2          | in        |   |  |
| <b>WELL DEPTH</b>                   | 32.5            | ft         |           | 48              | ft         |           | 50              | ft         |           | 60              | ft         |           | 50              | ft         |           | 50              | ft         |           | 47              | ft         |           |   |  |
| <b>SCREEN INTERVAL</b>              | 22.5 - 32.5     | ft         |           | 38 - 48         | ft         |           | 40 - 50         | ft         |           | 50 - 60         | ft         |           | 40 - 50         | ft         |           | 40 - 50         | ft         |           | 37 - 47         | ft         |           |   |  |
| <b>TOC ELEVATION<sup>1</sup></b>    | 49.90           | ft         |           | 52.314          | ft         |           | 55.684          | ft         |           | 55.552          | ft         |           | 55.632          | ft         |           | 55.459          | ft         |           | 49.447          | ft         |           |   |  |
| <b>SCREEN ELEVATION<sup>1</sup></b> | 27.40 to 17.40  | ft         |           | 14.261 to 4.261 | ft         |           | 15.684 to 5.684 | ft         |           | 5.552 to -4.448 | ft         |           | 15.632 to 5.632 | ft         |           | 15.459 to 5.459 | ft         |           | 12.734 to 2.734 | ft         |           |   |  |
| <b>DATE</b>                         | <b>ELEV</b>     | <b>DTW</b> | <b>FP</b> |   |  |
| 12/6/2013                           | 33.45           | 16.45      |           | NI              | NI         |           |   |  |
| 2/3/2015                            | 31.31           | 18.59      |           | 33.04           | 19.27      |           | 33.74           | 21.94      |           | 33.72           | 21.83      |           | NI              | NI         |           | NI              | NI         |           | NI              | NI         |           |   |  |
| 3/17/2015                           | NM              | NM         |           | 32.08           | 20.23      |           | 32.65           | 23.03      |           | 32.76           | 22.79      |           | NI              | NI         |           | NI              | NI         |           | NI              | NI         |           |   |  |
| 4/20/2015                           | NM              | NM         |           | 30.86           | 21.45      |           | 32.08           | 23.60      |           | 32.75           | 22.80      |           | NI              | NI         |           | NI              | NI         |           | NI              | NI         |           |   |  |
| 7/8/2015                            | 29.22           | 20.68      |           | 30.73           | 21.58      |           | 31.32           | 24.36      |           | 31.32           | 24.23      |           | 31.17           | 24.46      |           | 31.10           | 24.36      |           | 29.48           | 19.97      |           |   |  |
| 7/20/2016                           | 30.73           | 19.17      |           | 32.43           | 19.88      |           | 31.03           | 24.65      |           | 32.43           | 23.12      |           | 32.82           | 22.81      |           | 32.77           | 22.69      |           | 30.98           | 18.47      |           |   |  |
| 6/19/2017                           | NM              | NM         |           | 30.31           | 22.00      |           | 33.68           | 22.00      |           | 33.35           | 22.20      |           | NM              | NM         |           | NM              | NM         |           | 31.00           | 18.45      |           |   |  |
| 7/26/2017                           | NM              | NM         |           | 32.97           | 19.34      |           | NM              | NM         |           |   |  |
| 1/25/2018                           | NM              | NM         |           | NM              | NM         |           | NM              | NM         |           | 34.07           | 21.48      |           | NM              | NM         |           | NM              | NM         |           | 32.10           | 17.35      |           |   |  |
| 9/21/2018                           | 31.37           | 18.53      |           | 32.35           | 19.96      |           | 32.38           | 23.30      |           | 33.05           | 22.50      |           | NM              | NM         |           | 32.83           | 22.63      |           | 30.85           | 18.60      |           |   |  |
| 3/26/2019                           | NM              | NM         |           | 31.71           | 20.60      |           | 32.22           | 23.46      |           | 32.30           | 23.25      |           | NM              | NM         |           | 32.06           | 23.40      |           | 30.45           | 19.00      |           |   |  |
|                                     |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |   |  |
|                                     |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |   |  |
| <b>WELL DESIGNATION</b>             | <b>MW-22S</b>   |            |           | <b>MW-23S</b>   |            |           | <b>MW-24S</b>   |            |           | <b>MW-26S</b>   |            |           | <b>MW-28S</b>   |            |           | <b>MW-29S</b>   |            |           | <b>MW-31S</b>   |            |           |   |  |
| <b>DIAMETER</b>                     | 2               | in         |           | 2               | in         |           | 2               | in         |           | 2               |            |           | 2               |            |           | 2               |            |           | 2               |            |           | 2 |  |
| <b>WELL DEPTH</b>                   | 30.25           | ft         |           | 43              | ft         |           | 40              | ft         |           | 47.4            |            |           | 60              |            |           | 43.5            |            |           | 20              |            |           |   |  |
| <b>SCREEN INTERVAL</b>              | 20 - 30         | ft         |           | 33 - 43         | ft         |           | 30 - 40         | ft         |           | 37.4 - 47.4     |            |           | 50 - 60         |            |           | 33.5 - 43.5     |            |           | 10 - 20         |            |           |   |  |
| <b>TOC ELEVATION<sup>1</sup></b>    | 49.75           | ft         |           | 54.110          | ft         |           | 55.281          | ft         |           | 56.183          |            |           | NM              |            |           | 55.794          |            |           | 45.695          |            |           |   |  |
| <b>SCREEN ELEVATION<sup>1</sup></b> | 29.75 to 19.75  | ft         |           | 21.11 to 11.11  | ft         |           | 25.28 to 15.28  | ft         |           |                 |            |           | NA              |            |           |                 |            |           |                 |            |           |   |  |
| <b>DATE</b>                         | <b>ELEV</b>     | <b>DTW</b> | <b>FP</b> |   |  |
| 7/20/2016                           | 30.97           | 18.78      |           | 35.39           | 18.72      |           | 31.60           | 23.68      |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |   |  |
| 11/18/2016                          |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           | 21.57           |            |           |                 |            |           |   |  |
| 6/20/2017                           | NM              | NM         |           | NM              | NM         |           | NM              | NM         |           | 35.98           | 20.20      |           | NM              | NM         |           | 36.24           | 19.55      |           | 30.67           | 15.03      |           |   |  |
| 7/26/2017                           | NM              | NM         |           | NM              | NM         |           | NM              | NM         |           | 37.43           | 18.75      |           | NM              | NM         |           | NM              | NM         |           | 31.05           | 14.65      |           |   |  |
| 1/23/2018                           | NM              | NM         |           | 31.78           | 13.92      |           |   |  |
| 9/24/2018                           | 30.83           | 18.92      |           | NM              | NM         |           | NM              | NM         |           | 36.03           | 20.15      |           | NM              | 24.00      |           | NM              | NM         |           | NM              | NM         |           |   |  |
|                                     |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |   |  |
|                                     |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |                 |            |           |   |  |

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| WELL DESIGNATION              | MW-02D             |       |                               | MW-03D             |       |                               | MW-07D             |       |                               | MW-30D          |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
|-------------------------------|--------------------|-------|-------------------------------|--------------------|-------|-------------------------------|--------------------|-------|-------------------------------|-----------------|-------|-------------------------------|-----------------|-------|-------------------------------|-----------------|-------|-------------------------------|-----------------|-------|-------------------------------|---------|----|
|                               | DIAMETER           | 2     | in                            | DIAMETER           | 2     | in                            | DIAMETER           | 2     | in                            | DIAMETER        | 2     | in                            | DIAMETER        | 2     | in                            | DIAMETER        | 2     | in                            | DIAMETER        | 2     | in                            |         |    |
| WELL DEPTH                    | 87.2               | ft    | WELL DEPTH                    | 69                 | ft    | WELL DEPTH                    | 98                 | ft    | WELL DEPTH                    | 76              | ft    | WELL DEPTH                    | 66 - 76         | ft    | WELL DEPTH                    | 66 - 76         | ft    | WELL DEPTH                    | 66 - 76         | ft    | WELL DEPTH                    | 66 - 76 | ft |
| SCREEN INTERVAL               | 77.2 - 87.2        | ft    | SCREEN INTERVAL               | 69 - 79            | ft    | SCREEN INTERVAL               | 88 - 98            | ft    | SCREEN INTERVAL               | 66 - 76         | ft    | SCREEN INTERVAL               | 66 - 76         | ft    | SCREEN INTERVAL               | 66 - 76         | ft    | SCREEN INTERVAL               | 66 - 76         | ft    | SCREEN INTERVAL               | 66 - 76 | ft |
| TOC ELEVATION <sup>1</sup>    | 51.506             | ft    | TOC ELEVATION <sup>1</sup>    | 46.553             | ft    | TOC ELEVATION <sup>1</sup>    | 46.653             | ft    | TOC ELEVATION <sup>1</sup>    | NM              | ft    | TOC ELEVATION <sup>1</sup>    | NM      | ft |
| SCREEN ELEVATION <sup>1</sup> | -25.694 to -35.694 | ft    | SCREEN ELEVATION <sup>1</sup> | -22.447 to -32.447 | ft    | SCREEN ELEVATION <sup>1</sup> | -41.347 to -51.347 | ft    | SCREEN ELEVATION <sup>1</sup> | NA              | ft    | SCREEN ELEVATION <sup>1</sup> | NA      | ft |
| DATE                          | ELEV               | DTW   | FP                            | ELEV               | DTW   | FP                            | ELEV               | DTW   | FP                            | ELEV            | DTW   | FP                            | ELEV            | DTW   | FP                            | ELEV            | DTW   | FP                            | ELEV            | DTW   | FP                            |         |    |
| 2/2/2011                      | 33.35              | 18.16 |                               | 33.56              | 12.99 |                               | NI                 | NI    |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 10/17/2011                    | 33.90              | 17.61 |                               | 34.10              | 12.45 |                               | 33.58              | 13.07 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 9/12/2012                     | 33.05              | 18.46 |                               | 33.61              | 12.94 |                               | 32.77              | 13.88 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 4/17/2013                     | 31.89              | 19.62 |                               | 32.31              | 14.24 |                               | 31.64              | 15.01 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 12/6/2013                     | 34.69              | 16.82 |                               | 34.93              | 11.62 |                               | 34.45              | 12.20 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 2/3/2015                      | 33.16              | 18.35 |                               | 33.56              | 12.99 |                               | 32.88              | 13.77 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 3/17/2015                     | 32.35              | 19.16 |                               | NM                 | NM    |                               | 31.90              | 14.75 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 4/20/2015                     | 30.96              | 20.55 |                               | NM                 | NM    |                               | 31.05              | 15.60 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 7/8/2015                      | 30.87              | 20.64 |                               | 31.41              | 15.14 |                               | 30.59              | 16.06 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 7/20/2016                     | 32.49              | 19.02 |                               | 32.88              | 13.67 |                               | 32.24              | 14.41 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 11/18/2016                    | NM                 | NM    |                               | NM                 | NM    |                               | NM                 | NM    |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 6/19/2017                     | 32.56              | 18.95 |                               | NM                 | NM    |                               | NM                 | NM    |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 1/23/2018                     | NM                 | NM    |                               | NM                 | NM    |                               | 33.30              | 13.35 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 1/24/2018                     | 33.62              | 17.89 |                               | NM                 | NM    |                               | NM                 | NM    |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 9/19/2018                     | 32.56              | 18.95 |                               | NM                 | NM    |                               | 31.97              | 14.68 |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| 3/26/2019                     | 31.86              | 19.65 |                               | NM                 | NM    |                               | NM                 | NM    |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
|                               |                    |       |                               |                    |       |                               |                    |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |
| WELL DESIGNATION              | INJ-1              |       |                               | INJ-2              |       |                               | INJ-3              |       |                               | INJ-4           |       |                               | INJ-5           |       |                               | INJ-6           |       |                               | INJ-7           |       |                               |         |    |
| DIAMETER                      | 6                  | in    |                               | 6                  | in    |                               | 6                  | in    |                               | 2               | in    |                               | 2       | in |
| WELL DEPTH                    | 40                 | ft    |                               | 40                 | ft    |                               | 40                 | ft    |                               | 50              | ft    |                               | 60      | ft |
| SCREEN INTERVAL               | 20 - 40            | ft    |                               | 19 - 40            | ft    |                               | 19 - 40            | ft    |                               | 40 - 50         | ft    |                               | 50 - 60 | ft |
| TOC ELEVATION <sup>1</sup>    | 46.481             | ft    |                               | 48.513             | ft    |                               | 49.394             | ft    |                               | 52.453          | ft    |                               | 52.655          | ft    |                               | 52.655          | ft    |                               | 53.260          | ft    |                               | 55.770  | ft |
| SCREEN ELEVATION <sup>1</sup> | 26.481 to 6.481    |       |                               | 29.340 to 8.340    |       |                               | 29.721 to 8.721    |       |                               | 12.453 to 2.453 |       |                               | 12.655 to 2.655 |       |                               | 13.260 to 3.260 |       |                               | 5.770 to -4.230 |       |                               |         |    |
| DATE                          | ELEV               | DTW   | FP                            | ELEV               | DTW   | FP                            | ELEV               | DTW   | FP                            | ELEV            | DTW   | FP                            | ELEV            | DTW   | FP                            | ELEV            | DTW   | FP                            | ELEV            | DTW   | FP                            |         |    |
| 2/3/2015                      | NM                 | NM    |                               | 31.75              | 16.76 |                               | NM                 | NM    |                               | NM              | NM    |                               | 33.01           | 19.65 |                               | NM              | NM    |                               | NM              | NM    |                               | NM      | NM |
| 7/8/2015                      | 29.31              | 17.17 |                               | 29.66              | 18.85 |                               | 30.16              | 19.23 |                               | 30.51           | 21.94 |                               | 30.70           | 21.96 |                               | 30.72           | 22.54 |                               | 31.31           | 24.46 |                               |         |    |
| 7/20/2016                     | 30.27              | 16.21 |                               | 30.64              | 17.87 |                               | 31.01              | 18.38 |                               | 32.52           | 19.93 |                               | 32.48           | 20.18 |                               | 31.46           | 21.80 |                               | 32.77           | 23.00 |                               |         |    |
| 7/26/2017                     | NM                 | NM    |                               | NM                 | NM    |                               | NM                 | NM    |                               | 32.55           | 19.90 |                               | 32.83           | 19.83 |                               | 33.46           | 19.80 |                               | NM              | NM    |                               | NM      | NM |
| 1/23/2018                     | NM                 | NM    |                               | NM                 | NM    |                               | 32.21              | 17.18 |                               | NM              | NM    |                               | NM      | NM |
| 3/26/2019                     | NM                 | NM    |                               | NM                 | NM    |                               | NM                 | NM    |                               | NM              | NM    |                               | NM              | NM    |                               | 31.68           | 21.58 |                               | NM              | NM    |                               | NM      | NM |
|                               |                    |       |                               |                    |       |                               |                    |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |                 |       |                               |         |    |

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

## **Former Wyeth, Carolina Facility, Puerto Rico**

**TABLE 2**  
**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

## **Former Wyeth, Carolina Facility, Puerto Rico**

**PRIVILEGED AND CONFIDENTIAL**

**TABLE 2**

**MONITORING WELL COMPLETION AND GROUNDWATER ELEVATION SUMMARY**

## **Former Wyeth, Carolina Facility, Puerto Rico**

## Notes:

<sup>1</sup> - Elevations referenced to US Geological Survey Benchmark with mean sea level datum as determined by Javier Bidot Associates, PSC (July 2015).

| in - inch

NI - not installed

NA - Not applicable

ft - feet

DTW - depth to water (feet below top of casing)

\* - Open borehole without well screen

TOC Elevation - top of casing elevation

FP - free product (feet)

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample                       |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene  |
|------------------------------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|---------|
| Location                     | Date       |                   |                 |                    |                        |                                |                |                      |         |        |         |
| RBCC (1 x 10 <sup>-5</sup> ) |            | 41,367            | 2,659           | NA                 | NA                     | NA                             | 2,010          | NA                   | NA      | NA     | NA      |
| RBCC (1 x 10 <sup>-6</sup> ) |            | 10,801            | 906             | NA                 | NA                     | NA                             | 201            | NA                   | NA      | NA     | NA      |
| MW-01S                       | 02/02/2011 | 0.5               | 2.8             | 1.2                | 0.50 U                 | 0.50 U                         | 0.50 U         | NM                   | NM      | NM     | NM      |
|                              | 10/17/2011 | 0.64 I            | 3.2             | 0.80 I             | 0.50 U                 | 0.50 U                         | 0.50 U         | NM                   | NM      | NM     | NM      |
|                              | 09/12/2012 | 0.72 I            | 2.3             | 0.50 U             | 0.50 U                 | 0.50 U                         | 0.50 U         | 1.2                  | 0.12 I  | 0.20 U | 0.037 I |
|                              | 09/19/2018 | 1.0               | 1.6             | 0.50 U             | 0.50 U                 | 0.50 U                         | 1.0            | NM                   | NM      | NM     | NM      |
| MW-02S                       | 02/02/2011 | 1.4               | 1,630           | 9.9                | 1,490                  | 1,500                          | 303            | NM                   | NM      | NM     | NM      |
|                              | 10/18/2011 | 1.6               | 1,830           | 7.9                | 1,780                  | 1,790                          | 253            | NM                   | NM      | NM     | NM      |
|                              | 09/11/2012 | 1.4               | 1,090           | 7.7                | 1,200                  | 1,200                          | 222            | 1.7                  | 410     | 5.3    | 4.3     |
|                              | 04/17/2013 | 1.5               | 776             | 9.4                | 1,280                  | 1,290                          | 130            | NM                   | NM      | NM     | NM      |
|                              | 12/04/2013 | 1.3               | 1,330           | 7.3                | 1,390                  | 1,400                          | 329            | 1.9                  | 600     | 0.87   | 1.7     |
|                              | 02/03/2015 | 1.6               | 1,550           | 8.3                | 1,710                  | 1,730                          | 248            | 1.8                  | NM      | NM     | NM      |
|                              | 03/16/2015 | 1.3               | 1,230           | 7.4                | 1,370                  | 1,380                          | 186            | 1.9                  | 200     | 5.0    | 2.8     |
|                              | 04/21/2015 | 1.6               | 1,260           | 9.3                | 1,440                  | 1,450                          | 157            | 1.9                  | 150     | 3.9    | 2.3     |
|                              | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 2.87                 | NM      | NM     | NM      |
|                              | 07/24/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1.51                 | NM      | NM     | NM      |
|                              | 08/07/2015 | 1.4               | 1,560           | 8.3                | 1,640                  | 1,660                          | 257            | 1.90                 | NM      | NM     | NM      |
|                              | 01/17/2016 | 0.50 U            | 278             | 1.9                | 381                    | 393                            | 19.3           | 0.89 I               | NM      | NM     | NM      |
|                              | 04/18/2016 | 0.56 I            | 661             | 5.0                | 1,080                  | 1,110                          | 354            | 1.90                 | NM      | NM     | NM      |
|                              | 07/26/2016 | 50.0 U            | 1,350           | 50.0 U             | 1,420                  | 1,550                          | 318            | NM                   | NM      | NM     | NM      |
|                              | 12/21/2016 | 0.50 U            | 353             | 4.1                | 621                    | 770                            | 193            | NM                   | NM      | NM     | NM      |
|                              | 06/20/2017 | 0.50 U            | 106             | 1.9                | 494                    | 692                            | 185            | NM                   | NM      | NM     | NM      |
|                              | 09/21/2018 | 12.5 U            | 15.0 I          | 12.5 U             | 744                    | 928                            | 218            | NM                   | NM      | NM     | NM      |
|                              | 03/26/2019 | 3.8 U             | 9.9 I           | 3.6 I              | 975                    | 1,190                          | 274            | NM                   | NM      | NM     | NM      |
|                              | 09/23/2019 | 0.38 U            | 18.7            | 2.9                | 753                    | 896                            | 156            | NM                   | NM      | NM     | NM      |
|                              | 03/24/2020 | 0.38 U            | 21.7            | 2.7                | 833                    | 965                            | 0.39 U         | NM                   | NM      | NM     | NM      |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane     | Ethane         | Ethene         |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|-------------|----------------|----------------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |             |                |                |
| MW-02D   | 02/02/2011 | 0.50 U            | <b>523</b>      | <b>4.6</b>         | <b>431</b>             | <b>439</b>                     | <b>53.6</b>    | NM                   | NM          | NM             | NM             |
|          | 10/18/2011 | 0.50 U            | <b>310</b>      | <b>3.3</b>         | <b>716</b>             | <b>734</b>                     | <b>32.0</b>    | NM                   | NM          | NM             | NM             |
|          | 09/11/2012 | 0.50 U            | <b>205</b>      | <b>2.9</b>         | <b>379</b>             | <b>391</b>                     | <b>34.2</b>    | <b>1.1</b>           | <b>430</b>  | <b>0.30</b>    | <b>1.4</b>     |
|          | 04/17/2013 | 0.50U             | <b>104</b>      | <b>4.3</b>         | <b>257</b>             | <b>303</b>                     | <b>20.1</b>    | NM                   | NM          | NM             | NM             |
|          | 12/03/2013 | 0.50 U            | <b>347</b>      | <b>4.9</b>         | <b>653</b>             | <b>671</b>                     | <b>46.0</b>    | <b>1.4</b>           | <b>350</b>  | <b>5.0</b>     | <b>3.7</b>     |
|          | 02/03/2015 | 0.50 U            | <b>341</b>      | <b>2.1</b>         | <b>481</b>             | <b>496</b>                     | <b>20.5</b>    | <b>1.0</b>           | NM          | NM             | NM             |
|          | 03/16/2015 | 0.50 U            | <b>235</b>      | <b>2.1</b>         | <b>439</b>             | <b>449</b>                     | <b>17.7</b>    | <b>1.1</b>           | <b>260</b>  | <b>0.23</b>    | <b>0.40</b>    |
|          | 04/21/2015 | 0.50 U            | <b>274</b>      | <b>2.7</b>         | <b>380</b>             | <b>393</b>                     | <b>18.8</b>    | <b>1.1</b>           | <b>240</b>  | <b>0.23</b>    | <b>0.32</b>    |
|          | 07/26/2016 | 12.5 U            | <b>336</b>      | <b>12.5 U</b>      | <b>476</b>             | <b>495</b>                     | <b>35.3</b>    | NM                   | NM          | NM             | NM             |
|          | 12/21/2016 | 0.50 U            | <b>175</b>      | <b>2.2</b>         | <b>291</b>             | <b>303</b>                     | <b>27.1</b>    | NM                   | NM          | NM             | NM             |
|          | 06/20/2017 | 0.50 U            | <b>320</b>      | <b>3.9</b>         | <b>571</b>             | <b>592</b>                     | <b>61.5</b>    | NM                   | NM          | NM             | NM             |
|          | 01/24/2018 | 0.50 U            | <b>269</b>      | <b>8.2</b>         | <b>1,250</b>           | <b>1,310</b>                   | <b>166</b>     | NM                   | NM          | NM             | NM             |
|          | 09/19/2018 | 12.5 U            | <b>118</b>      | 12.5 U             | <b>775</b>             | <b>818</b>                     | <b>84.0</b>    | NM                   | NM          | NM             | NM             |
|          | 03/26/2019 | 3.8 U             | <b>170</b>      | <b>4.5 I</b>       | <b>749</b>             | <b>785</b>                     | <b>87.0</b>    | NM                   | NM          | NM             | NM             |
|          | 09/23/2019 | 0.38 U            | <b>322</b>      | <b>3.5</b>         | <b>478</b>             | <b>497</b>                     | <b>75.2</b>    | NM                   | NM          | NM             | NM             |
|          | 03/24/2020 | 0.38 U            | <b>255</b>      | <b>4.4</b>         | <b>767</b>             | <b>786</b>                     | <b>111</b>     | NM                   | NM          | NM             | NM             |
| MW-03S   | 02/02/2011 | <b>85.4</b>       | <b>20</b>       | <b>6.9</b>         | <b>32.2</b>            | <b>32.6</b>                    | <b>4.3</b>     | NM                   | NM          | NM             | NM             |
|          | 10/18/2011 | <b>133</b>        | <b>34.3</b>     | <b>7.5</b>         | <b>46.9</b>            | <b>47.3</b>                    | <b>4.1</b>     | NM                   | NM          | NM             | NM             |
|          | 09/12/2012 | <b>110</b>        | <b>30.0</b>     | <b>7.5</b>         | <b>46.6</b>            | <b>46.8</b>                    | <b>4.2</b>     | <b>1.4</b>           | <b>1.0</b>  | <b>0.19 I</b>  | <b>0.14 I</b>  |
|          | 04/17/2013 | <b>68</b>         | <b>37.9</b>     | <b>9.8</b>         | <b>54.4</b>            | <b>54.9</b>                    | <b>3.5</b>     | NM                   | NM          | NM             | NM             |
|          | 12/04/2013 | <b>132</b>        | <b>36.8</b>     | <b>7.2</b>         | <b>45.9</b>            | <b>46.2</b>                    | <b>6.3</b>     | <b>1.5</b>           | <b>0.46</b> | <b>0.16 I</b>  | <b>0.045 I</b> |
|          | 09/20/2018 | <b>89.0</b>       | <b>22.9</b>     | <b>3.5</b>         | <b>27.2</b>            | <b>27.5</b>                    | <b>2.1</b>     | NM                   | NM          | NM             | NM             |
|          |            |                   |                 |                    |                        |                                |                |                      |             |                |                |
| MW-03D   | 02/02/2011 | 0.50 U            | <b>1.9</b>      | <b>0.5</b>         | <b>1.2</b>             | 0.50 U                         | 0.50 U         | NM                   | NM          | NM             | NM             |
|          | 10/18/2011 | 0.50 U            | <b>2.4</b>      | <b>0.57 I</b>      | <b>1.7</b>             | <b>1.8</b>                     | 0.50 U         | NM                   | NM          | NM             | NM             |
|          | 09/12/2012 | 0.50 U            | <b>1.2</b>      | 0.50 U             | <b>1.1</b>             | <b>1.2</b>                     | 0.50 U         | <b>1.2</b>           | <b>9.4</b>  | <b>0.030 I</b> | <b>0.15 I</b>  |
|          | 04/17/2013 | 0.50U             | <b>1.6</b>      | 0.5                | <b>1.5</b>             | <b>2.1</b>                     | 0.50U          | NM                   | NM          | NM             | NM             |
|          | 12/04/2013 | <b>5.4</b>        | <b>1.3</b>      | <b>0.70 I</b>      | <b>1.6</b>             | <b>2.2</b>                     | 0.50 U         | <b>1.2</b>           | <b>7.7</b>  | <b>0.048 I</b> | <b>0.36</b>    |
|          |            |                   |                 |                    |                        |                                |                |                      |             |                |                |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane    | Ethane         | Ethene         |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|------------|----------------|----------------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |            |                |                |
| MW-04S   | 02/02/2011 | 0.50 U            | 0.50 U          | <b>0.5</b>         | 0.50 U                 | 0.50 U                         | 0.50 U         | NM                   | NM         | NM             | NM             |
|          | 10/17/2011 | 0.50 U            | 0.50 U          | <b>0.58 I</b>      | 0.50 U                 | 0.50 U                         | 0.50 U         | NM                   | NM         | NM             | NM             |
|          | 09/12/2012 | 0.50 U            | 0.50 U          | <b>0.54 I</b>      | 0.50 U                 | 0.50 U                         | 0.50 U         | 0.50 U               | <b>9.1</b> | <b>0.010 I</b> | <b>0.027 I</b> |
|          |            |                   |                 |                    |                        |                                |                |                      |            |                |                |
| MW-05S   | 02/02/2011 | 0.50 U            | <b>1.8</b>      | <b>1.7</b>         | <b>0.5</b>             | <b>0.5</b>                     | 0.50 U         | NM                   | NM         | NM             | NM             |
|          | 10/17/2011 | 0.50 U            | <b>2.4</b>      | <b>0.74 I</b>      | <b>0.59 I</b>          | <b>0.59 I</b>                  | 0.50 U         | NM                   | NM         | NM             | NM             |
|          | 09/12/2012 | 0.50 U            | <b>2.1</b>      | <b>1.1</b>         | <b>0.74 I</b>          | <b>0.74 I</b>                  | 0.50 U         | <b>0.72 I</b>        | <b>2.6</b> | <b>0.070 I</b> | <b>0.064 I</b> |
|          | 12/05/2013 | 0.50 U            | <b>3.7</b>      | <b>1.2</b>         | <b>0.79 I</b>          | <b>0.79 I</b>                  | 0.50 U         | <b>1.1</b>           | <b>1.9</b> | 0.018 U        | <b>0.022 I</b> |
| MW-06S   | 02/02/2011 | 0.50 U            | <b>19</b>       | 7.4                | <b>4.1</b>             | <b>4.1</b>                     | 0.50 U         | NM                   | NM         | NM             | NM             |
|          | 10/18/2011 | 0.50 U            | <b>17.9</b>     | <b>5.9</b>         | <b>4.4</b>             | <b>4.4</b>                     | 0.50 U         | NM                   | NM         | NM             | NM             |
|          | 09/11/2012 | 0.50 U            | <b>17.8</b>     | <b>5.0</b>         | <b>3.5</b>             | <b>3.5</b>                     | 0.50 U         | <b>0.91 I</b>        | <b>3.0</b> | <b>0.017 I</b> | <b>0.052 I</b> |
|          | 12/05/2013 | 0.50 U            | <b>26.0</b>     | 6.3                | <b>4.4</b>             | <b>4.5</b>                     | 0.50 U         | <b>0.76 I</b>        | <b>3.3</b> | 0.018 U        | <b>0.030 I</b> |

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**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| MW-07S   | 10/17/2011 | 2.2               | 538             | 2.1                | 324                    | 327                            | 41.6           | NM                   | NM      | NM     | NM     |
|          | 09/11/2012 | 2.1               | 467             | 2.7                | 309                    | 312                            | 77.2           | 1.8                  | 0.20 U  | 0.20 U | 0.20 U |
|          | 04/17/2013 | 3.0               | 375             | 4.1                | 403                    | 408                            | 70.8           | NM                   | NM      | NM     | NM     |
|          | 12/03/2013 | 1.9               | 703             | 3.5                | 494                    | 497                            | 99.2           | 2.3                  | 120     | 2.0    | 0.63   |
|          | 02/03/2015 | 1.7               | 666             | 2.4                | 509                    | 519                            | 68.7           | 2.1                  | NM      | NM     | NM     |
|          | 03/17/2015 | 1.5               | 645             | 3.6                | 547                    | 552                            | 92.5           | 2.0                  | 72      | 1.8    | 0.62   |
|          | 04/22/2015 | 2.0               | 744             | 4.5                | 636                    | 643                            | 100            | 2.0                  | 75      | 2.2    | 0.69   |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 57.6                 | NM      | NM     | NM     |
|          | 07/21/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 10.5                 | NM      | NM     | NM     |
|          | 07/28/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 3.61                 | NM      | NM     | NM     |
|          | 07/31/2015 | 1.2 U             | 68.9            | 6.2                | 1,536                  | 1,546                          | 1.2 U          | NM                   | NM      | NM     | NM     |
|          | 08/11/2015 | 2.5 U             | 315             | 4.7 I              | 1,210                  | 1,220                          | 116            | 2.4                  | NM      | NM     | NM     |
|          | 01/17/2016 | 0.50 U            | 3.1             | 0.50 U             | 11.4                   | 25.1                           | 1,060          | 48.0                 | NM      | NM     | NM     |
|          | 04/18/2016 | 0.50 U            | 23.6            | 0.76 I             | 77.8                   | 84.8                           | 186            | 4.6                  | NM      | NM     | NM     |
|          | 07/26/2016 | 2.5 U             | 14.7            | 2.5 U              | 248                    | 300                            | 223            | 2.8                  | 5,370   | 3.8 I  | 92.7   |
|          | 12/21/2016 | 0.50 U            | 0.50 U          | 1.5                | 285                    | 358                            | 193            | NM                   | NM      | NM     | NM     |
|          | 06/20/2017 | 0.50 U            | 0.66 I          | 0.50 U             | 23                     | 34                             | 23             | NM                   | 1,330   | 4.9 U  | 6.9 I  |
|          | 01/23/2018 | 0.50 U            | 0.50 U          | 0.59 I             | 209                    | 275                            | 170            | NM                   | NM      | NM     | NM     |
|          | 09/24/2018 | 0.50 U            | 0.80 I          | 0.74 I             | 301                    | 377                            | 197            | NM                   | NM      | NM     | NM     |
|          | 03/25/2019 | 1.9 U             | 1.8 U           | 1.4 U              | 408                    | 518                            | 236            | NM                   | NM      | NM     | NM     |
|          | 09/25/2019 | 0.38 U            | 0.36 U          | 1.6                | 379                    | 467                            | 123            | NM                   | NM      | NM     | NM     |
|          | 03/23/2020 | 0.38 U            | 0.36 U          | 1.5                | 423                    | 482                            | 91.2           | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane     | Ethane         | Ethene         |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|-------------|----------------|----------------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |             |                |                |
| MW-07D   | 10/17/2011 | 0.50 U            | <b>12.5</b>     | 0.50 U             | <b>116</b>             | <b>134</b>                     | <b>1.9</b>     | NM                   | NM          | NM             | NM             |
|          | 09/11/2012 | 0.50 U            | 0.50 U          | 0.50 U             | <b>90.5</b>            | <b>109</b>                     | <b>1.7</b>     | <b>1.4</b>           | <b>140</b>  | <b>0.080 I</b> | <b>0.73</b>    |
|          | 04/17/2013 | 0.50 U            | <b>7.8</b>      | 0.50 U             | <b>95.4</b>            | <b>122</b>                     | <b>2.3</b>     | NM                   | NM          | NM             | NM             |
|          | 12/03/2013 | 0.50 U            | <b>3.1</b>      | 0.50 U             | <b>114</b>             | <b>139</b>                     | <b>2.4</b>     | <b>1.4</b>           | <b>340</b>  | <b>0.051 I</b> | <b>2.1</b>     |
|          | 02/03/2015 | 0.50 U            | 0.50 U          | 0.50 U             | <b>141</b>             | <b>182</b>                     | <b>1.2</b>     | <b>1.5</b>           | NM          | NM             | NM             |
|          | 03/16/2015 | 0.50 U            | 0.50 U          | 0.50 U             | <b>155</b>             | <b>188</b>                     | <b>1.4</b>     | <b>1.2</b>           | <b>590</b>  | <b>0.02</b>    | <b>1.2</b>     |
|          | 04/21/2015 | 0.50 U            | <b>3.0</b>      | 0.50 U             | <b>172</b>             | <b>215</b>                     | <b>3.1</b>     | <b>1.1</b>           | <b>330</b>  | <b>0.03</b>    | <b>1.0</b>     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | <b>3.28</b>          | NM          | NM             | NM             |
|          | 07/21/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | <b>3.83</b>          | NM          | NM             | NM             |
|          | 07/28/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | <b>3.39</b>          | NM          | NM             | NM             |
|          | 08/11/2015 | 0.50 U            | <b>0.59 I</b>   | 0.50 U             | <b>133</b>             | <b>163</b>                     | <b>4.6</b>     | <b>1.2</b>           | NM          | NM             | NM             |
|          | 12/21/2016 | 0.50 U            | <b>3.9</b>      | 0.50 U             | <b>118</b>             | <b>148</b>                     | <b>8.6</b>     | NM                   | NM          | NM             | NM             |
|          | 01/23/2018 | 0.50 U            | 0.50 U          | 0.50 U             | 0.50 U                 | <b>0.86 I</b>                  | <b>0.52 I</b>  | NM                   | NM          | NM             | NM             |
|          | 09/25/2018 | 0.50 U            | 0.50 U          | 0.50 U             | <b>1.1</b>             | <b>1.4</b>                     | 0.50 U         | NM                   | NM          | NM             | NM             |
| MW-08S   | 09/24/2019 | 0.38 U            | 0.36 U          | 0.27 U             | 0.27 U                 | 0.27 U                         | 0.39 U         | NM                   | NM          | NM             | NM             |
|          | 10/17/2011 | <b>25.9</b>       | <b>12.1</b>     | <b>2.3</b>         | <b>10</b>              | <b>10</b>                      | <b>2.1</b>     | NM                   | NM          | NM             | NM             |
|          | 09/12/2012 | <b>31.4</b>       | <b>11.3</b>     | <b>2.4</b>         | <b>10.7</b>            | <b>10.7</b>                    | 0.50 U         | <b>1.2</b>           | <b>0.35</b> | <b>0.059 I</b> | <b>0.086 I</b> |
|          | 12/05/2013 | <b>10.9</b>       | <b>4.3</b>      | <b>0.85 I</b>      | <b>2.9</b>             | <b>2.9</b>                     | 0.50 U         | <b>1.2</b>           | <b>0.48</b> | 0.018 U        | <b>0.035 I</b> |
| MW-09S   | 10/17/2011 | 0.50 U            | <b>14.3</b>     | <b>9.2</b>         | <b>0.99 I</b>          | <b>0.99 I</b>                  | 0.50 U         | NM                   | NM          | NM             | NM             |
|          | 09/11/2012 | 0.50 U            | <b>13.7</b>     | <b>8.5</b>         | <b>0.76 I</b>          | <b>0.76 I</b>                  | 0.50 U         | 1.0 I                | <b>0.68</b> | 0.20 U         | <b>0.050 I</b> |
|          | 12/04/2013 | 0.50 U            | <b>13.7</b>     | <b>8.1</b>         | <b>0.85 I</b>          | <b>0.85 I</b>                  | 0.50 U         | 0.94 I               | <b>1.3</b>  | 0.018 U        | <b>0.026 I</b> |
|          | 09/20/2018 | 0.50 U            | <b>8.1</b>      | <b>4.0</b>         | <b>0.86 I</b>          | <b>0.97 I</b>                  | 0.50 U         | NM                   | NM          | NM             | NM             |
| MW-10S   | 12/03/2013 | <b>29.7</b>       | <b>11.6</b>     | <b>2.8</b>         | <b>10.8</b>            | <b>10.8</b>                    | <b>1.3</b>     | <b>1.8</b>           | <b>1.0</b>  | <b>0.37</b>    | <b>0.032 I</b> |
|          | 09/20/2018 | <b>30.6</b>       | <b>14.4</b>     | <b>2.8</b>         | <b>18.1</b>            | <b>18.3</b>                    | <b>1.8</b>     | NM                   | NM          | NM             | NM             |

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**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |                        | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane     | Ethane      | Ethene        |
|----------|------------------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|-------------|-------------|---------------|
| Location | Date                   |                   |                 |                    |                        |                                |                |                      |             |             |               |
| MW-11S   | 12/03/2013             | 0.50 U            | <b>62.6</b>     | 0.50 U             | <b>8.1</b>             | <b>8.8</b>                     | 1.3            | 2.3                  | <b>8.6</b>  | <b>2.0</b>  | <b>0.84</b>   |
|          | 09/21/2018             | <b>0.74 I</b>     | <b>128</b>      | <b>0.94 I</b>      | <b>30.0</b>            | <b>34.3</b>                    | 4.1            | NM                   | NM          | NM          | NM            |
|          | 09/23/2019             | <b>0.45 I</b>     | <b>129</b>      | 1.4                | <b>58.8</b>            | <b>67.6</b>                    | 8.4            | NM                   | NM          | NM          | NM            |
|          |                        |                   |                 |                    |                        |                                |                |                      |             |             |               |
| MW-12S   | 12/02/2013             | <b>28.3</b>       | <b>109</b>      | <b>2.9</b>         | <b>44.0</b>            | <b>44.6</b>                    | 1.6            | <b>1.2</b>           | <b>4.2</b>  | <b>0.49</b> | <b>0.53</b>   |
|          | 09/20/2018             | <b>14.5</b>       | <b>119</b>      | 1.3                | <b>32.1</b>            | <b>32.9</b>                    | <b>0.72 I</b>  | NM                   | NM          | NM          | NM            |
|          |                        |                   |                 |                    |                        |                                |                |                      |             |             |               |
| MW-13S   | 12/02/2013             | <b>3.5</b>        | <b>3,510</b>    | <b>12.1</b>        | <b>2,610</b>           | <b>2,640</b>                   | <b>429</b>     | <b>2.5</b>           | <b>550</b>  | <b>14</b>   | <b>13</b>     |
|          | 12/2/2013 <sup>1</sup> | <b>3.2</b>        | <b>2,770</b>    | <b>13.9</b>        | <b>1,890</b>           | <b>1,920</b>                   | <b>324</b>     | NM                   | <b>540</b>  | <b>14</b>   | <b>14</b>     |
|          | 03/16/2015             | <b>0.85 I</b>     | <b>1,310</b>    | 5.3                | <b>1,630</b>           | <b>1,640</b>                   | 134            | <b>4.9</b>           | <b>100</b>  | <b>2.0</b>  | <b>3.2</b>    |
|          | 04/20/2015             | 1.3               | <b>1,390</b>    | <b>14.0</b>        | <b>3,100</b>           | <b>3,140</b>                   | <b>274</b>     | 4.6                  | <b>210</b>  | <b>5.3</b>  | <b>10</b>     |
|          | 04/19/2016             | 0.50 U            | <b>1.2</b>      | 0.50 U             | <b>2.6</b>             | <b>18.4</b>                    | <b>5.1</b>     | <b>12.8</b>          | NM          | NM          | NM            |
|          | 07/25/2016             | 0.50 U            | <b>89.9</b>     | 6.2                | <b>2,040</b>           | <b>2,080</b>                   | <b>553</b>     | NM                   | NM          | NM          | NM            |
|          | 12/21/2016             | 0.50 U            | <b>31.1</b>     | 0.50 U             | <b>158</b>             | 347                            | 74             | NM                   | NM          | NM          | NM            |
|          | 06/20/2017             | 0.50 U            | <b>161</b>      | 2.5                | <b>256</b>             | <b>606</b>                     | <b>85.1</b>    | NM                   | NM          | NM          | NM            |
|          | 01/25/2018             | 0.50 U            | <b>11.4</b>     | 0.50 U             | <b>76.2</b>            | <b>502</b>                     | <b>109</b>     | NM                   | NM          | NM          | NM            |
|          | 09/17/2018             | 0.50 U            | <b>0.91 I</b>   | 0.50 U             | <b>2.1</b>             | <b>10.6</b>                    | <b>9.6</b>     | NM                   | NM          | NM          | NM            |
|          | 09/26/2019             | 0.38 U            | 0.36 U          | 0.27 U             | <b>123</b>             | <b>233</b>                     | <b>99.5</b>    | NM                   | NM          | NM          | NM            |
|          |                        |                   |                 |                    |                        |                                |                |                      |             |             |               |
| MW-14S   | 12/04/2013             | 0.50 U            | <b>1.2</b>      | 0.50 U             | 0.50 U                 | 0.50 U                         | 0.50 U         | <b>1.8</b>           | <b>12.0</b> | <b>5.2</b>  | <b>0.13 I</b> |
| MW-15S   | 12/02/2013             | 0.50 U            | 0.50 U          | 0.50 U             | 0.50 U                 | 0.50 U                         | 0.50 U         | <b>3.3</b>           | <b>52</b>   | <b>11</b>   | <b>2.9</b>    |
|          | 09/21/2018             | 0.50 U            | <b>1.5</b>      | 0.50 U             | 0.50 U                 | 0.50 U                         | 0.50 U         | NM                   | NM          | NM          | NM            |
|          |                        |                   |                 |                    |                        |                                |                |                      |             |             |               |

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**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| MW-16S   | 02/03/2015 | 3.9               | 4,000           | 20.3               | 4,210                  | 4,300                          | 547            | 2.5                  | 1,000   | 24     | 14     |
|          | 03/16/2015 | 3.5               | 2,370           | 16.3               | 3,180                  | 3,210                          | 397            | 2.6                  | 800     | 13     | 8.4    |
|          | 04/21/2015 | 3.4               | 2,630           | 20.0               | 2,980                  | 3,010                          | 383            | 2.5                  | 740     | 15     | 8.3    |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 3                    | NM      | NM     | NM     |
|          | 07/24/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 2                    | NM      | NM     | NM     |
|          | 08/07/2015 | 2.8               | 3,560           | 18.0               | 3,940                  | 4,100                          | 709            | 2.9                  | NM      | NM     | NM     |
|          | 12/04/2015 | 0.50 U            | 144             | 0.50 U             | 969                    | 1,000                          | 2,570          | 7.9                  | NM      | NM     | NM     |
|          | 01/17/2016 | 0.50 U            | 290             | 3.2                | 737                    | 791                            | 1,020          | 3.7                  | NM      | NM     | NM     |
|          | 04/19/2016 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 3.9                  | NM      | NM     | NM     |
|          | 07/26/2016 | 0.50 U            | 58.7            | 0.57 I             | 159                    | 307                            | 117            | 3.9                  | 7,410   | 31.6   | 62.6   |
|          | 12/21/2016 | 0.50 U            | 21.6            | 0.50 U             | 194                    | 378                            | 156            | NM                   | NM      | NM     | NM     |
|          | 06/20/2017 | 0.50 U            | 33.8            | 1.2                | 360                    | 645                            | 237            | NM                   | 2,260   | 85.6   | 63.3   |
|          | 09/19/2018 | 12.5 U            | 12.5 U          | 12.5 U             | 727                    | 999                            | 903            | NM                   | NM      | NM     | NM     |
|          | 03/26/2019 | 3.8 U             | 9.1 I           | 3.1 I              | 607                    | 929                            | 1,470          | NM                   | NM      | NM     | NM     |
|          | 09/24/2019 | 0.38 U            | 24.6            | 6.1                | 942                    | 1,190                          | 860            | NM                   | NM      | NM     | NM     |
|          | 03/24/2020 | 0.38 U            | 6.4             | 5.4                | 1,120                  | 1,360                          | 1,040          | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| MW-17S   | 02/04/2015 | 1.4               | 5,930           | 62.1               | 9,380                  | 9,530                          | 658            | 4.2                  | 1,200   | 41     | 10     |
|          | 03/16/2015 | 0.50 U            | 826             | 59.4               | 10,200                 | 10,300                         | 1,080          | 7.7                  | 540     | 18     | 5.8    |
|          | 04/20/2015 | 0.73 I            | 2,020           | 67.7               | 9,080                  | 9,220                          | 810            | 4.3                  | 920     | 38     | 11     |
|          | 07/08/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,629                | NM      | NM     | NM     |
|          | 07/13/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,652                | NM      | NM     | NM     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,479                | NM      | NM     | NM     |
|          | 07/24/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,522                | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 0.83 I          | 0.99 I             | 4.9                    | 85                             | 1,830          | 436                  | NM      | NM     | NM     |
|          | 09/11/2015 | 6.0 U             | 6.0 U           | 6.0 U              | 409                    | 409                            | 26.0           | 451                  | NM      | NM     | NM     |
|          | 12/04/2015 | 0.50 U            | 0.80 I          | 0.50 U             | 4.5                    | 10.6                           | 18.3           | 245                  | NM      | NM     | NM     |
|          | 07/27/2016 | 0.50 U            | 25.2            | 0.50 U             | 7.5                    | 11.1                           | 16.4           | 28.4                 | 2,150   | 11.4   | 5.4 I  |
|          | 12/21/2016 | 0.50 U            | 3.4             | 0.50 U             | 19.9                   | 35.2                           | 26.6           | NM                   | NM      | NM     | NM     |
|          | 06/21/2017 | 0.50 U            | 11.0            | 1.3                | 300                    | 482                            | 260            | NM                   | NM      | NM     | NM     |
|          | 09/17/2018 | 0.50 U            | 1.5             | 0.50 U             | 13.5                   | 20.2                           | 27.5           | NM                   | NM      | NM     | NM     |
|          | 03/28/2019 | 0.38 U            | 0.48 I          | 0.27 U             | 5.5                    | 10.2                           | 7.0            | NM                   | NM      | NM     | NM     |
|          | 09/25/2019 | 0.38 U            | 0.36 U          | 0.27 U             | 11.1                   | 26.3                           | 12.3           | NM                   | NM      | NM     | NM     |
|          | 03/27/2020 | 0.38 U            | 0.67 I          | 0.27 U             | 83.6                   | 148                            | 74.9           | NM                   | NM      | NM     | NM     |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| MW-18S   | 02/04/2015 | 0.68 I            | 3,190           | 36.6               | 5,440                  | 5,530                          | 354            | 3.2                  | 1,200   | 21     | 5      |
|          | 03/16/2015 | 0.50 U            | 220             | 42.6               | 8,160                  | 8,250                          | 414            | 4.3                  | 960     | 16     | 3.9    |
|          | 04/20/2015 | 0.50 U            | 917             | 45.2               | 5,340                  | 5,430                          | 449            | 4.4                  | 790     | 16     | 5.0    |
|          | 07/08/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,290                | NM      | NM     | NM     |
|          | 07/13/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,269                | NM      | NM     | NM     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 892                  | NM      | NM     | NM     |
|          | 07/24/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 649                  | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 0.50 U          | 0.50 U             | 2.3                    | 61.9                           | 1,820          | 424                  | NM      | NM     | NM     |
|          | 09/11/2015 | 12.0 U            | 12.0 U          | 12.0 U             | 54.8                   | 86.9                           | 114            | 556                  | NM      | NM     | NM     |
|          | 06/20/2017 | 0.50 U            | 108             | 1.8                | 341                    | 571                            | 773            | NM                   | NM      | NM     | NM     |
|          | 01/25/2018 | 0.50 U            | 3.2             | 0.54 I             | 134                    | 375                            | 343            | NM                   | NM      | NM     | NM     |
|          | 09/17/2018 | 0.50 U            | 0.50 U          | 0.50 U             | 2.0                    | 5.2                            | 4.1            | NM                   | NM      | NM     | NM     |
|          | 03/28/2019 | 0.38 U            | 0.36 U          | 0.27 U             | 2.0                    | 6.5                            | 4.3            | NM                   | NM      | NM     | NM     |
|          | 09/26/2019 | 0.38 U            | 0.36 U          | 0.27 U             | 51.1                   | 112                            | 129            | NM                   | NM      | NM     | NM     |
|          | 03/27/2020 | 0.38 U            | 2.4             | 0.96 I             | 252                    | 424                            | 656            | NM                   | NM      | NM     | NM     |
| MW-19S   |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
|          | 07/07/2015 | 1.2 U             | 556             | 12.8               | 4,502                  | 4,543                          | 317            | 3.43                 | NM      | NM     | NM     |
|          | 07/10/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 286                  | NM      | NM     | NM     |
|          | 07/13/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 225                  | NM      | NM     | NM     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 149                  | NM      | NM     | NM     |
|          | 07/24/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 91.9                 | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 8.8             | 0.50 U             | 166                    | 212                            | 486            | 29.9                 | NM      | NM     | NM     |
|          | 09/11/2015 | 12.0 U            | 12.0 U          | 12.0 U             | 12.0 U                 | 28.4                           | 12.0 U         | 3.74                 | NM      | NM     | NM     |
|          | 04/19/2016 | 0.50 U            | 0.50 U          | 0.50 U             | 2.4                    | 5.4                            | 5              | 3.4                  | NM      | NM     | NM     |
|          | 12/21/2016 | 0.50 U            | 1.8             | 0.50 U             | 12.3                   | 22.0                           | 11             | NM                   | NM      | NM     | NM     |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| MW-20S   | 07/07/2015 | 1.2 U             | 532             | 9.00               | 2,544                  | 2,568                          | 181            | 1.64                 | NM      | NM     | NM     |
|          | 07/10/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 216                  | NM      | NM     | NM     |
|          | 07/13/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 35.7                 | NM      | NM     | NM     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 6.36                 | NM      | NM     | NM     |
|          | 07/24/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 8.55                 | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 151             | 4.4                | 645                    | 670                            | 426            | 2.30                 | NM      | NM     | NM     |
|          | 09/11/2015 | 12.0 U            | 12.0 U          | 12.0 U             | 12.0 U                 | 35.6                           | 12.0 U         | 188                  | NM      | NM     | NM     |
|          | 01/17/2016 | 0.50 U            | 113             | 1.6                | 193                    | 244                            | 61.3           | 2.2                  | NM      | NM     | NM     |
|          | 04/19/2016 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 2.2                  | NM      | NM     | NM     |
|          | 07/27/2016 | 0.50 U            | 103             | 1.8                | 159                    | 224                            | 68.8           | NM                   | NM      | NM     | NM     |
|          | 09/18/2018 | 0.50 U            | 13.7            | 1.1                | 120                    | 203                            | 77.2           | NM                   | NM      | NM     | NM     |
|          | 03/28/2019 | 0.38 U            | 37.5            | 3.2                | 474                    | 621                            | 192            | NM                   | NM      | NM     | NM     |
|          | 09/26/2019 | 0.38 U            | 73.2            | 2.2                | 202                    | 289                            | 91.6           | NM                   | NM      | NM     | NM     |
|          | 03/26/2020 | 0.38 U            | 83.4            | 3.7                | 718                    | 808                            | 314            | NM                   | NM      | NM     | NM     |
| MW-21S   | 07/10/2015 | 1.2 U             | 1,649           | 7.0                | 3,282                  | 3,292                          | 298            | 2.16                 | NM      | NM     | NM     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 131                  | NM      | NM     | NM     |
|          | 07/21/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 6.47                 | NM      | NM     | NM     |
|          | 07/28/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 3.10                 | NM      | NM     | NM     |
|          | 07/31/2015 | 1.2 U             | 1,511           | 7.0                | 1,608                  | 1,621                          | 1.2 U          | NM                   | NM      | NM     | NM     |
|          | 08/11/2015 | 2.5 U             | 1,970           | 8.2                | 1,480                  | 1,490                          | 214            | 2.4                  | NM      | NM     | NM     |
|          | 04/18/2016 | 0.50 U            | 141             | 3.9                | 776                    | 793                            | 816            | 2.5                  | NM      | NM     | NM     |
|          | 07/26/2016 | 12.5 U            | 161             | 12.5 U             | 1,400                  | 1,460                          | 457            | NM                   | NM      | NM     | NM     |
|          | 12/21/2016 | 0.50 U            | 119             | 5.4                | 858                    | 948                            | 232            | NM                   | NM      | NM     | NM     |
|          | 06/20/2017 | 0.50 U            | 10.6            | 0.63 I             | 159                    | 205                            | 117            | NM                   | 884     | 12.5   | 4.0 I  |
|          | 01/23/2018 | 0.50 U            | 43.0            | 2.9                | 785                    | 938                            | 351            | NM                   | NM      | NM     | NM     |
|          | 09/24/2018 | 0.50 U            | 8.1             | 0.98 I             | 348                    | 460                            | 253            | NM                   | NM      | NM     | NM     |
|          | 03/26/2019 | 1.9 U             | 9.2             | 2.1 I              | 591                    | 712                            | 266            | NM                   | NM      | NM     | NM     |
|          | 09/25/2019 | 0.38 U            | 22.2            | 2.7                | 660                    | 785                            | 189            | NM                   | NM      | NM     | NM     |
|          | 03/23/2020 | 0.38 U            | 26.6            | 2.5                | 755                    | 845                            | 171            | NM                   | NM      | NM     | NM     |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane     | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|-------------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |             |        |        |
| MW-22S   | 01/17/2016 | 0.50 U            | <b>5.9</b>      | 0.50 U             | <b>2.8</b>             | <b>3.0</b>                     | <b>1.0</b>     | <b>5.6</b>           | NM          | NM     | NM     |
|          | 09/24/2018 | 0.50 U            | <b>1.3</b>      | 0.50 U             | <b>1.1</b>             | <b>1.1</b>                     | 0.50 U         | NM                   | NM          | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |             |        |        |
| MW-23S   | 01/17/2016 | <b>1.2</b>        | <b>246</b>      | <b>2.5</b>         | <b>35.9</b>            | <b>40.2</b>                    | <b>2.4</b>     | <b>1.6</b>           | NM          | NM     | NM     |
|          | 07/27/2016 | <b>1.3</b>        | <b>263</b>      | <b>3.8</b>         | <b>42.5</b>            | <b>48.8</b>                    | <b>3.0</b>     | NM                   | NM          | NM     | NM     |
|          | 09/24/2019 | <b>1.2</b>        | <b>209</b>      | <b>2.8</b>         | <b>33.0</b>            | <b>37.2</b>                    | <b>2.9</b>     | NM                   | NM          | NM     | NM     |
| MW-24S   | 01/17/2016 | 0.50 U            | <b>153</b>      | 0.50 U             | <b>56.5</b>            | <b>57</b>                      | <b>18.0</b>    | <b>2.6</b>           | NM          | NM     | NM     |
|          | 04/20/2016 | 0.50 U            | <b>55.6</b>     | 0.55 I             | <b>102</b>             | <b>103</b>                     | <b>7.6</b>     | <b>3.3</b>           | NM          | NM     | NM     |
|          | 07/27/2016 | 0.50 U            | <b>145</b>      | 0.66 I             | <b>53.4</b>            | <b>53.9</b>                    | <b>6.3</b>     | NM                   | NM          | NM     | NM     |
|          | 12/21/2016 | 0.50 U            | <b>109</b>      | 0.50 U             | <b>36.3</b>            | <b>37.0</b>                    | <b>5.6</b>     | NM                   | NM          | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |             |        |        |
| MW-26S   | 06/21/2017 | <b>17.7</b>       | <b>684</b>      | <b>1.3</b>         | <b>69.1</b>            | <b>74.5</b>                    | <b>37.9</b>    | NM                   | NM          | NM     | NM     |
|          | 09/18/2018 | 0.50 U            | <b>0.55 I</b>   | 0.50 U             | <b>2.0</b>             | <b>6.1</b>                     | <b>9.5</b>     | NM                   | NM          | NM     | NM     |
|          | 09/27/2019 | 0.38 U            | 0.36 U          | 0.27 U             | <b>2.9</b>             | <b>4.2</b>                     | <b>0.54 I</b>  | NM                   | NM          | NM     | NM     |
| MW-28S   | 11/18/2016 | 0.50 U            | <b>35.2</b>     | 0.50 U             | <b>7.1</b>             | <b>7.5</b>                     | 0.50 U         | NM                   | NM          | NM     | NM     |
|          | 09/19/2018 | 0.50 U            | <b>72.8</b>     | <b>0.74 I</b>      | <b>15.4</b>            | <b>19.5</b>                    | <b>4.4</b>     | NM                   | NM          | NM     | NM     |
|          | 10/02/2019 | 0.38 U            | <b>59.0</b>     | <b>0.51 I</b>      | <b>14.8</b>            | <b>19.0</b>                    | <b>3.1</b>     | NM                   | NM          | NM     | NM     |
| MW-29S   | 06/21/2017 | 0.50 U            | <b>26.0</b>     | 0.50 U             | <b>8.7</b>             | <b>9.2</b>                     | <b>2.0</b>     | NM                   | <b>41.2</b> | 4.9 U  | 0.68 U |
| MW-30D   | 11/18/2016 | 0.50 U            | <b>4.8</b>      | 0.50 U             | <b>2.3</b>             | <b>2.4</b>                     | 0.50 U         | NM                   | NM          | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |             |        |        |
| MW-31S   | 06/20/2017 | <b>0.61 I</b>     | <b>119</b>      | 0.50 U             | <b>23.2</b>            | <b>39.2</b>                    | <b>19.4</b>    | NM                   | NM          | NM     | NM     |
|          | 01/23/2018 | 0.50 U            | <b>6.5</b>      | 0.50 U             | <b>15.7</b>            | <b>23.9</b>                    | <b>26.6</b>    | NM                   | NM          | NM     | NM     |
|          | 09/25/2018 | 0.50 U            | <b>6.7</b>      | 0.50 U             | <b>40.6</b>            | <b>51.3</b>                    | <b>42.6</b>    | NM                   | NM          | NM     | NM     |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-1    | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 488                  | NM      | NM     | NM     |
|          | 07/21/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 452                  | NM      | NM     | NM     |
|          | 07/28/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 92.6                 | NM      | NM     | NM     |
|          | 08/11/2015 | 2.5 U             | 2.5 U           | 2.5 U              | 25.5                   | 47.6                           | 543            | 117                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-2    | 02/03/2015 | 1.4               | 1,170           | 4.2                | 982                    | 1,020                          | 146            | NM                   | NM      | NM     | NM     |
|          | 04/21/2015 | 1.7               | 1,250           | 7.4                | 1,200                  | 1,210                          | 162            | 1.9                  | 900     | 4.6    | 1.6    |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 775                  | NM      | NM     | NM     |
|          | 07/21/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 703                  | NM      | NM     | NM     |
|          | 07/28/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 556                  | NM      | NM     | NM     |
|          | 07/31/2015 | 1.2 U             | 2.8             | 3.0                | 931                    | 936                            | 1.2 U          | NM                   | NM      | NM     | NM     |
|          | 08/11/2015 | 2.5 U             | 2.5 U           | 4.3 I              | 1,470                  | 1,480                          | 91.8           | 687                  | NM      | NM     | NM     |
| INJ-3    | 04/22/2015 | 1.8               | 1,750           | 9.3                | 1,480                  | 1,490                          | 183            | 2.2                  | 590     | 5.0    | 1.6    |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 5,145                | NM      | NM     | NM     |
|          | 07/21/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 739                  | NM      | NM     | NM     |
|          | 07/28/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 231                  | NM      | NM     | NM     |
|          | 08/11/2015 | 2.5 U             | 5.2             | 10.1               | 3,540                  | 3,560                          | 206            | 94.7                 | NM      | NM     | NM     |
|          | 07/28/2016 | 0.50 U            | 11.2            | 0.50 U             | 48.0                   | 88.7                           | 160            | 8.2                  | NM      | NM     | NM     |
|          | 01/23/2018 | 0.50 U            | 0.50 U          | 0.50 U             | 9.5                    | 13.2                           | 11.2           | NM                   | NM      | NM     | NM     |
|          | 09/25/2019 | 0.50 U            | 0.50 U          | 0.50 U             | 1.6                    | 8.2                            | 10.1           | NM                   | NM      | NM     | NM     |
| INJ-4    | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 2.90                 | NM      | NM     | NM     |
|          | 07/21/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1.64                 | NM      | NM     | NM     |
|          | 07/28/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1.37                 | NM      | NM     | NM     |
|          | 08/11/2015 | 2.5 U             | 1,290           | 6.6                | 1,540                  | 1,580                          | 159            | 1.5                  | NM      | NM     | NM     |
|          | 04/19/2016 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 126                  | NM      | NM     | NM     |
|          | 07/27/2017 | 0.50 U            | 7.5             | 0.50U              | 169                    | 218                            | 78             | 13.4                 | NM      | NM     | NM     |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-5    | 02/03/2015 | 3.1               | 2,260           | 13.8               | 3,000                  | 3,050                          | 373            | NM                   | NM      | NM     | NM     |
|          | 04/21/2015 | 1.7               | 1,210           | 14.7               | 2,650                  | 2,690                          | 304            | 2.3                  | 1,400   | 12     | 6.7    |
|          | 07/26/2017 | 0.50 U            | 0.61 I          | 0.50 U             | 177                    | 363                            | 172            | 8.7                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-6    | 04/21/2015 | 3.2               | 2,210           | 16.9               | 3,710                  | 3,750                          | 451            | 3.3                  | 650     | 25     | 12     |
|          | 04/19/2016 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 55                   | NM      | NM     | NM     |
|          | 07/27/2017 | 0.50 U            | 0.56 I          | 6.1                | 1,840                  | 2,340                          | 1,000          | NM                   | NM      | NM     | NM     |
|          | 03/27/2019 | 9.5 U             | 9.0 U           | 6.8 U              | 172                    | 314                            | 1,480          | NM                   | NM      | NM     | NM     |
|          | 10/01/2019 | 0.38 U            | 0.73 I          | 2.5                | 775                    | 887                            | 1,150          | NM                   | NM      | NM     | NM     |
|          | 03/25/2020 | 0.38 U            | 0.77 I          | 6.7                | 1,800                  | 1,940                          | 943            | NM                   | NM      | NM     | NM     |
| INJ-7    | 04/20/2015 | 0.50 U            | 29.6            | 1.5                | 315                    | 331                            | 119            | 2.5                  | 360     | 1.5    | 110    |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 116                  | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 0.50 U          | 0.50 U             | 2.4                    | 10.6                           | 39.8           | 274                  | NM      | NM     | NM     |
|          | 01/17/2016 | 0.50 U            | 19.9            | 0.50 U             | 27.6                   | 54.1                           | 48.1           | 6.3                  | NM      | NM     | NM     |
| INJ-8    | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 6,110                | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 0.50 U          | 0.50 U             | 10.6                   | 19.6                           | 17.9           | 522                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-9    | 02/04/2015 | 0.50 U            | 1,600           | 24.4               | 3,860                  | 3,920                          | 379            | NM                   | NM      | NM     | NM     |
|          | 07/13/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,041                | NM      | NM     | NM     |
|          | 07/13/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,031                | NM      | NM     | NM     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 470                  | NM      | NM     | NM     |
|          | 07/24/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 297                  | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 0.61 I          | 0.50 U             | 5.9                    | 34.9                           | 420            | 344                  | NM      | NM     | NM     |
|          | 09/11/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 226                  | NM      | NM     | NM     |
|          | 04/19/2016 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 21.2                 | NM      | NM     | NM     |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-10   | 02/03/2015 | 0.50 U            | 2,020           | 37.0               | 4,690                  | 4,780                          | 444            | NM                   | NM      | NM     | NM     |
|          | 04/20/2015 | 0.50 U            | 634             | 29.7               | 4,970                  | 5,510                          | 1,090          | 4.8                  | 820     | 16     | 5.7    |
|          | 07/13/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,654                | NM      | NM     | NM     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 591                  | NM      | NM     | NM     |
|          | 07/24/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,231                | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 0.85 I          | 0.50 U             | 14.2                   | 53.3                           | 1,410          | 531                  | NM      | NM     | NM     |
|          | 09/11/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 3.57                 | NM      | NM     | NM     |
|          | 04/19/2016 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 71.5                 | NM      | NM     | NM     |
| INJ-11   | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,254                | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 1.5             | 0.50 U             | 25.2                   | 26.7                           | 4.9            | 921                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-12   | 04/20/2015 | 0.50 U            | 169             | 15.8               | 1,250                  | 1,370                          | 236            | 4.2                  | 510     | 1.1    | 28     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,300                | NM      | NM     | NM     |
|          | 08/07/2015 | 0.50 U            | 0.50 U          | 0.50 U             | 7.3                    | 59.6                           | 167            | 801                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-15   | 07/10/2015 | 1.2 U             | 1,225           | 7.50               | 1,170                  | 1,180                          | 235            | NM                   | NM      | NM     | NM     |
|          | 07/17/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 1,403                | NM      | NM     | NM     |
|          | 07/21/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 734                  | NM      | NM     | NM     |
|          | 07/28/2015 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 223                  | NM      | NM     | NM     |
|          | 07/31/2015 | 1.2 U             | 595             | 7.3                | 2,022                  | 2,030                          | 1.2 U          | NM                   | NM      | NM     | NM     |
|          | 08/11/2015 | 2.5 U             | 3.2 I           | 12.5               | 3,630                  | 3,670                          | 220            | 70.4                 | NM      | NM     | NM     |
|          | 01/17/2016 | 0.50 U            | 0.54 I          | 0.50 U             | 29.9                   | 33.0                           | 291            | 72.3                 | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-16   | 01/17/2016 | 2.0               | 1,810           | 8.2                | 1,810                  | 1,830                          | 421            | 2.7                  | NM      | NM     | NM     |
|          | 04/18/2016 | 0.50 U            | 35.6            | 0.50 U             | 203                    | 229                            | 163            | 10.6                 | NM      | NM     | NM     |
|          | 07/27/2017 | 0.50 U            | 6.7             | 2.2                | 639                    | 829                            | 193            | 3.7                  | NM      | NM     | NM     |
|          | 11/13/2019 | 0.38 U            | 0.40 I          | 1.1                | 395                    | 471                            | 160            | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-17   | 01/17/2016 | 1.1               | 786             | 2.0                | 184                    | 189                            | 12.4           | 3.1                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-18   | 01/17/2016 | 2.1               | 1,760           | 10                 | 2,290                  | 2,310                          | 508            | 3.3                  | NM      | NM     | NM     |
|          | 04/19/2016 | NM                | NM              | NM                 | NM                     | NM                             | NM             | 46.8                 | NM      | NM     | NM     |
|          | 07/27/2017 | 0.50 U            | 19.4            | 2.6                | 669                    | 854                            | 138            | 6.9                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-20   | 01/17/2016 | 0.50 U            | 391             | 1.5                | 222                    | 224                            | 17.7           | 1.0                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-21   | 01/17/2016 | 0.50 U            | 252             | 1.0                | 105                    | 106                            | 4.8            | 1.1                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-22   | 07/27/2017 | 0.50 U            | 35              | 3.5                | 754                    | 1,070                          | 209            | 2.6                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-23   | 01/17/2016 | 2.0               | 1,250           | 12.2               | 3,150                  | 3,170                          | 820            | 2.9                  | NM      | NM     | NM     |
|          | 01/25/2018 | 0.50 U            | 19.7            | 5.1                | 1,200                  | 1,890                          | 1,910          | NM                   | NM      | NM     | NM     |
|          | 03/27/2019 | 9.5 U             | 9.0 U           | 6.8 U              | 9.5 I                  | 13.9 I                         | 9.8 U          | NM                   | NM      | NM     | NM     |
|          | 10/01/2019 | 0.38 U            | 0.36 U          | 0.27 U             | 10.6                   | 12.3                           | 7.3            | NM                   | NM      | NM     | NM     |
|          | 03/25/2020 | 0.38 U            | 0.61 I          | 0.27 U             | 234                    | 250                            | 155            | NM                   | NM      | NM     | NM     |
| INJ-24   | 01/17/2016 | 5.9               | 3,870           | 9.9                | 1,610                  | 1,630                          | 238            | 2.3                  | NM      | NM     | NM     |
|          | 04/20/2016 | 0.50 U            | 0.50 U          | 0.50 U             | 12.8                   | 23.3                           | 8.1            | 220                  | NM      | NM     | NM     |
|          | 07/27/2016 | 0.50 U            | 22.5            | 0.50 U             | 49.9                   | 55.1                           | 18.8           | 26.6                 | NM      | NM     | NM     |
|          | 06/20/2017 | 0.70 I            | 1,120           | 5.4                | 1,240                  | 1,970                          | 328            | NM                   | NM      | NM     | NM     |
|          | 01/25/2018 | 0.50 U            | 763             | 8.2                | 1,450                  | 2,310                          | 253            | NM                   | NM      | NM     | NM     |
|          | 09/19/2018 | 0.50 U            | 16.3            | 0.50 U             | 120                    | 152                            | 7.7            | NM                   | NM      | NM     | NM     |
|          | 03/27/2019 | 9.5 U             | 9.0 U           | 6.8 U              | 7.1 I                  | 15.5 I                         | 9.8 U          | NM                   | NM      | NM     | NM     |
|          | 10/01/2019 | 0.38 U            | 0.36 U          | 0.27 U             | 3.0                    | 4.4                            | 1.4            | NM                   | NM      | NM     | NM     |
|          | 03/25/2020 | 0.38 U            | 0.36 U          | 0.27 U             | 89.9                   | 105                            | 44.4           | NM                   | NM      | NM     | NM     |
| INJ-25   | 07/27/2017 | 0.50 U            | 217             | 7.6                | 942                    | 1,190                          | 353            | 5.1                  | NM      | NM     | NM     |
|          | 09/18/2018 | 0.50 U            | 0.50 U          | 0.50 U             | 2.2                    | 6.6                            | 3.7            | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-26   | 01/17/2016 | 0.67 I            | 155             | 1.1                | 134                    | 135                            | 21.4           | 2.0                  | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane | Ethane | Ethene |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|---------|--------|--------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-27   | 07/26/2016 | 0.61 I            | 237             | 2.6                | 33.1                   | 37.2                           | 2.9            | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-28   | 07/26/2016 | 0.50 U            | 191             | 0.50 U             | 21.6                   | 22.4                           | 1.6            | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-29   | 07/26/2016 | 0.90 I            | 1,740           | 1.4                | 244                    | 249                            | 8.0            | 2.0                  | NM      | NM     | NM     |
|          | 01/24/2018 | 0.50 U            | 0.55 I          | 0.50 U             | 3.7                    | 5.0                            | 3.4            | NM                   | NM      | NM     | NM     |
|          | 10/02/2019 | 0.38 U            | 0.36 U          | 0.36 I             | 164                    | 198                            | 107            | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-30   | 07/27/2016 | 2.4               | 2,180           | 11.3               | 279                    | 301                            | 35.7           | NM                   | NM      | NM     | NM     |
|          | 01/24/2018 | 0.80 I            | 561             | 3.7                | 375                    | 388                            | 262            | NM                   | NM      | NM     | NM     |
|          | 09/19/2018 | 0.50 U            | 4.9             | 0.50 U             | 43.4                   | 47.6                           | 3.3            | NM                   | NM      | NM     | NM     |
|          | 09/30/2019 | 0.38 U            | 8.5             | 1.5                | 571                    | 593                            | 252            | NM                   | NM      | NM     | NM     |
|          | 03/26/2020 | 0.38 U            | 1.9             | 2.1                | 570                    | 603                            | 222            | NM                   | NM      | NM     | NM     |
| INJ-31   | 11/17/2016 | 0.50 U            | 146             | 0.86 I             | 49.4                   | 51.3                           | 4.4            | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-32   | 11/17/2016 | 0.50 U            | 2.7             | 0.50 U             | 1.4                    | 1.4                            | 0.50 U         | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-33   | 11/18/2016 | 0.50 U            | 928             | 6.6                | 1,170                  | 1,260                          | 198.0          | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-34   | 11/17/2016 | 0.50 U            | 1,180           | 5.5                | 1,280                  | 1,360                          | 221            | NM                   | NM      | NM     | NM     |
|          | 07/26/2017 | 0.50 U            | 44.2            | 0.89 I             | 81.9                   | 84.9                           | 10.8           | 1,140                | NM      | NM     | NM     |
|          | 01/24/2018 | 0.50 U            | 32.6            | 0.85 I             | 162                    | 167                            | 36.6           | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-35   | 11/17/2016 | 0.53 I            | 769             | 3.7                | 1,170                  | 1,340                          | 263            | NM                   | NM      | NM     | NM     |
|          |            |                   |                 |                    |                        |                                |                |                      |         |        |        |
| INJ-36   | 11/18/2016 | 15.5              | 4,770           | 3.6                | 547                    | 567                            | 93.1           | NM                   | NM      | NM     | NM     |
|          | 06/20/2017 | 0.50 U            | 147             | 2.8                | 1,010                  | 1,020                          | 198            | NM                   | NM      | NM     | NM     |
|          | 01/24/2018 | 0.50 U            | 5.7             | 0.50 U             | 13.4                   | 26.9                           | 285            | NM                   | NM      | NM     | NM     |
|          | 09/27/2019 | 0.38 U            | 0.36 U          | 0.27 U             | 1.0                    | 2.0                            | 0.77 I         |                      |         |        |        |

**TABLE 3**  
**GROUNDWATER ANALYTICAL SUMMARY**  
**CONSTITUENTS OF CONCERN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample   |            | Tetrachloroethene | Trichloroethene | 1,1-Dichloroethene | cis-1,2-Dichloroethene | 1,2-Dichloroethene<br>(Total)* | Vinyl Chloride | Total Organic Carbon | Methane    | Ethane       | Ethene       |
|----------|------------|-------------------|-----------------|--------------------|------------------------|--------------------------------|----------------|----------------------|------------|--------------|--------------|
| Location | Date       |                   |                 |                    |                        |                                |                |                      |            |              |              |
| INJ-37   | 11/18/2016 | <b>8.2</b>        | <b>897</b>      | <b>4.7</b>         | <b>105</b>             | <b>115</b>                     | <b>18.4</b>    | NM                   | NM         | NM           | NM           |
|          | 09/18/2018 | 0.50 U            | <b>2.9</b>      | 0.50 U             | <b>32.1</b>            | <b>34.9</b>                    | 1.3            | NM                   | NM         | NM           | NM           |
|          | 09/30/2019 | 0.38 U            | 0.36 U          | 0.27 U             | <b>1.2</b>             | <b>1.4</b>                     | 0.39 U         | NM                   | NM         | NM           | NM           |
|          |            |                   |                 |                    |                        |                                |                |                      |            |              |              |
| INJ-38   | 06/20/2017 | <b>3.2</b>        | <b>3,440</b>    | <b>2.8</b>         | <b>390</b>             | <b>406</b>                     | <b>22.5</b>    | NM                   | NM         | NM           | NM           |
|          | 09/19/2018 | 0.50 U            | <b>0.60 I</b>   | 0.50 U             | <b>3.1</b>             | <b>8.1</b>                     | <b>13.0</b>    | NM                   | NM         | NM           | NM           |
|          | 03/27/2019 | 0.38 U            | <b>0.57 I</b>   | 0.27 U             | <b>1.8</b>             | <b>3.9</b>                     | <b>2.9</b>     | NM                   | NM         | NM           | NM           |
|          | 09/30/2019 | 0.38 U            | 0.36 U          | 0.27 U             | <b>1.9</b>             | <b>3.0</b>                     | <b>0.81 I</b>  | NM                   | NM         | NM           | NM           |
|          | 03/26/2020 | 0.38 U            | <b>0.79 I</b>   | 0.27 U             | <b>426</b>             | <b>440</b>                     | <b>305</b>     | NM                   | NM         | NM           | NM           |
|          |            |                   |                 |                    |                        |                                |                |                      |            |              |              |
| INJ-39   | 06/21/2017 | <b>1.2</b>        | <b>1,180</b>    | <b>18.3</b>        | <b>1,140</b>           | <b>1,160</b>                   | <b>191</b>     | NM                   | <b>505</b> | <b>7.2 I</b> | <b>2.1 I</b> |
|          | 09/18/2018 | 0.50 U            | 0.50 U          | 0.50 U             | <b>1.7</b>             | <b>18.8</b>                    | <b>5.4</b>     | NM                   | NM         | NM           | NM           |
|          | 09/27/2019 | 0.38 U            | 0.36 U          | 0.27 U             | <b>1.5</b>             | <b>2.5</b>                     | <b>2.8</b>     | NM                   | NM         | NM           | NM           |
|          |            |                   |                 |                    |                        |                                |                |                      |            |              |              |

**Notes:**

All analytical results reported in micrograms per liter ( $\mu\text{g/L}$ ); except TOC which is in milligrams per liter (mg/L).

RBCC - Risk-Based Closure Criteria (Risk Level in parentheses) for groundwater, approved by the EPA in April 2019

MCL - Federal Maximum Contaminant Level from <http://water.epa.gov/drink/contaminants/index.cfm#List> as of October 11, 2010.

U - Indicates the compound was analyzed for but not detected at a concentration greater than the shown MDL.

I - The reported value is between the laboratory MDL and the laboratory practical quantitation limit (PQL).

MDL - Method Detection Limit

NM - Not Measured

**Bold** denotes a detection above laboratory method detection limit

Thick solid line indicates injection event took place in the area of the specified well between sampling events

<sup>1</sup>Duplicate sample

Shaded - Concentration is greater than applicable RBCC risk level

\*Total 1,2-Dichloroethene is for the *cis* and *trans* isomers.

The Federal MCL of 70 micrograms per liter is for the *cis* isomer as it is the more stringent value.

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH     | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |        |
|--------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|--------|-------------|--------------|------------------|-----------|-------------------------------|--------|
|        |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)   | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |        |
| MCL    |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -      | -           | -            | -                | -         |                               |        |
| Units  |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)   | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |        |
| MW-01S | 02/02/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.94                               | 28.98  | 951         | 0.61         | < 10             | 88.1      |                               |        |
|        | 10/17/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.74                               | 29.24  | 985         | 0.45         | 17.9             | 61.2      |                               |        |
|        | 09/12/2012 | 46.1       | 20.0 U          | 156             | 2.5 U                | NM           | NM           | 0.92  | 73.8     | 53.5    | 2.0 U                    | 12.5 U                 | 1.2                  | 291                                | 7.26 J | 30.72       | 941          | 0.47             | 6.30 J    | -54.4 J                       |        |
|        | 09/19/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 9.98                               | 29.7   | 656         | 0.25         | 1.40             | -210.5    |                               |        |
|        |            |            |                 |                 |                      |              |              |   |          |         |                          |                        |                      |                                    |        |             |              |                  |           |                               |        |
| MW-02S | 02/02/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.65                               | 28.89  | 1,464       | 0.77         | > 1,000          | 52.3      |                               |        |
|        | 10/18/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.54                               | 27.13  | 1,328       | 0.99         | 18.9             | 124.6     |                               |        |
|        | 09/11/2012 | 20.0 U     | 20.0 U          | 116             | 116                  | NM           | NM           | 0.18  | 165      | 37.5    | 2.0 U                    | 27.6                   | 1.7                  | 385                                | 8.97 J | 29.93       | 1,272        | 0.75             | 0.74 J    | 111.9 J                       |        |
|        | 04/17/2013 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.67                               | 29.27  | 1,271       | 0.47         | NM               | 125.0     |                               |        |
|        | 12/03/2013 | 218        | 119             | 79.0            | 78.4                 | 0.86         | 0.072 U      | 0.86  | 166      | 49.8    | NM                       | NM                     | 1.9                  | 387                                | 6.66   | 27.63       | 1,311        | 0.57             | 10.2      | 82.0                          |        |
|        | 02/03/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1.8                  | NM                                 | 6.65   | 27.45       | 1,300        | 0.43             | 1.00      | 107.5                         |        |
|        | 03/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1.9                  | NM                                 | 6.72   | 27.17       | 1,325        | 0.39             | 10.5      | -81.0                         |        |
|        | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.87                 | NM                                 | 6.79   | 29.64       | 966          | 1.64             | 20.40     | 65.4                          |        |
|        | 07/24/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1.51                 | NM                                 | 6.82   | 29.62       | 1,287        | 0.23             | 1.45      | -35.3                         |        |
|        | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 7.04                 | NM                                 | 7.04   | 28.25       | 1,231        | 2.40             | 1.06      | -36.1                         |        |
|        | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 6.65                 | NM                                 | 6.65   | 27.64       | 1,294        | 0.35             | 18.4      | 31.2                          |        |
|        | 04/18/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 8.8                                | NM     | 8.8         | 27.90        | 1,369            | 4.38      | 0.0                           | -240.0 |
|        | 07/26/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.65                               | NM     | 6.65        | 27.96        | 1,305            | 0.18      | 10.0                          | 122.1  |
|        | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.39                               | NM     | 7.39        | 28.90        | 1,179            | 3.47      | 1.86                          | -77.6  |
|        | 09/21/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.01                               | NM     | 7.01        | 28.60        | 1,356            | 0.12      | 6.53                          | -25.3  |
|        | 03/26/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.83                               | NM     | 6.83        | 31.07        | 1,224            | -         | 7.90                          | -8.6   |
|        | 09/23/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.48                               | NM     | 6.48        | 29.33        | 1,249            | 0.25      | 0.75                          | -4.4   |
|        | 03/24/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.72                               | NM     | 6.72        | 29.30        | 1,321            | 0.40      | 0.55                          | 8.5    |
|        |            |            |                 |                 |                      |              |              |   |          |         |                          |                        |                      |                                    |        |             |              |                  |           |                               |        |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH     | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|--------|-------------|--------------|------------------|-----------|-------------------------------|
|        |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)   | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| MCL    |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -      | -           | -            | -                | -         |                               |
| Units  |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)   | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| MW-02D | 02/02/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.85                               | 29.04  | 1,519       | 0.47         | < 10             | -18.9     |                               |
|        | 10/18/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.77                               | 27.24  | 1,541       | 0.68         | 6.36             | -55.7     |                               |
|        | 09/11/2012 | 320        | 20.0 U          | 398             | 390                  | NM           | NM           | 0.025 U                                     | 196      | 42.6    | 2.1                      | 26.6                   | 1.1                  | 420                                | 9.02 J | 29.24       | 1,558        | 0.20             | 0.65 J    | -65.0 J                       |
|        | 04/17/2013 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.94                               | 28.45  | 1,483       | 2.11         | NM               | -98.8     |                               |
|        | 12/03/2013 | 435        | 304             | 397             | 394                  | 0.086 U      | 0.072 U      | 0.086 U                                     | 194      | 52.4    | NM                       | NM                     | 1.4                  | 453                                | 6.89   | 27.19       | 1,471        | 0.79             | 0.46      | -125.7                        |
|        | 02/03/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1.0                  | NM                                 | 6.89   | 27.67       | 1,491        | 0.6              | 1.37      | 6.6                           |
|        | 03/16/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1.1                  | NM                                 | 6.94   | 27.54       | 1,525        | 0.66             | 0.07      | -67.1                         |
|        | 07/26/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.75                               | 27.33  | 1,351       | 0.21         | 10               | 23.3      |                               |
|        | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.59                               | 27.8   | 1,258       | 2.88         | 0.75             | -218.0    |                               |
|        | 01/24/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.9                                | 29.23  | -           | 0.38         | 0.48             | -56.9     |                               |
|        | 09/19/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.90                               | 29.60  | 1,348       | 0.16         | 2.73             | -44.0     |                               |
|        | 03/26/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.86                               | 30.23  | 1,269       | 2.5          | 0.89             | -58.9     |                               |
|        | 09/23/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.43                               | 28.27  | 1,327       | 0.18         | 0.31             | -77.0     |                               |
|        | 03/24/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.81                               | 29.60  | 1,517       | 0.43         | 0.91             | -38.0     |                               |
| MW-03S | 02/03/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.03                               | 28.75  | 1,122       | 0.84         | NM               | -2.8      |                               |
|        | 10/18/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.68                               | 29.92  | 934         | 0.64         | 47.6             | 34.5      |                               |
|        | 09/12/2012 | 20.0 U     | 20.0 U          | 758             | 19.7                 | NM           | NM           | 0.19  | 102      | 37.9    | 2.0 U                    | 17.9 I                 | 1.4                  | 312                                | 6.97   | 30.41       | 1,018        | 0.32             | 0.49 J    | 60.9 J                        |
|        | 04/17/2013 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.67                               | 29.52  | 953         | 0.55         | 152.8            | 91.3      |                               |
|        | 12/04/2013 | 246        | 20.0 U          | 571             | 374                  | 0.24         | 0.0066 I     | 0.24 I                                      | 92.3     | 40.7    | NM                       | NM                     | 1.5                  | 260                                | 6.62   | 28.88       | 658          | 0.28             | NM        | 69.3                          |
|        | 09/20/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.58                               | 30.67  | 838         | 0.18         | 6.20             | 156.7     |                               |
|        |            |            |                 |                 |                      |              |              |   |          |         |                          |                        |                      |                                    |        |             |              |                  |           |                               |
| MW-03D | 02/03/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.97                               | 28.73  | 1,538       | 0.45         | NM               | -37.0     |                               |
|        | 10/18/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.82                               | 28.75  | 1,304       | 0.60         | 7.71             | -40.0     |                               |
|        | 09/12/2012 | 640        | 26.2 I          | 358             | 2.5 I                | NM           | NM           | 0.025 U                                     | 148      | 41.6    | 2.0 U                    | 21.0                   | 1.2                  | 404                                | 7.29 J | 28.89       | 1,300        | 0.37             | 2.92 J    | -72.9 J                       |
|        | 04/17/2013 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.93                               | 28.35  | 1,211       | 1.35         | 2.21             | -26.0     |                               |
|        | 12/04/2013 | 554        | 94.8            | 358             | 72.8                 | 0.029 U      | 0.0054 U     | 0.025 U                                     | 149      | 46.5    | NM                       | NM                     | 1.2                  | 384                                | 6.96   | 28.30       | 942          | 0.72             | NM        | -157.0                        |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample       |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH     | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|--------|-------------|--------------|------------------|-----------|-------------------------------|
|              |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)   | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| <b>MCL</b>   |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -      | -           | -            | -                | -         |                               |
| <b>Units</b> |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)   | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| MW-04S       | 02/02/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.54                               | 28.91  | 846         | 0.63         | > 1,000          | 1.5       |                               |
|              | 10/17/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.37                               | 29.77  | 707         | 0.91         | 16.8             | 122.6     |                               |
|              | 09/12/2012 | 191        | 20.0 U          | 191             | 4.0 I                | NM           | NM           | 0.61  | 73.6     | 28.9    | 2.0 U                    | 12.5 U                 | 0.50 U               | 205                                | 6.78   | 3.02 J      | 715          | 0.44             | 3.02 J    | 95.3 J                        |
|              |            |            |                 |                 |                      |              |              |   |          |         |                          |                        |                      |                                    |        |             |              |                  |           |                               |
| MW-05S       | 02/02/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.45                               | 28.53  | 887         | 0.56         | NM               | 44.6      |                               |
|              | 10/17/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.26                               | 29.68  | 661         | 0.83         | 15.1             | 134.5     |                               |
|              | 09/12/2012 | 2,600      | 20.0 U          | 134             | 3.6 I                | NM           | NM           | 0.36  | 62.9     | 21.1    | 2.0 U                    | 22.4                   | 0.72 I               | 203                                | 6.86   | 30.15       | 656          | 0.38             | 1.23 J    | -6.0 J                        |
|              | 12/05/2013 | 720        | 876             | 97.7            | 106                  | 0.42         | 0.011 I      | 0.42 I                                      | 61.9     | 24.7    | NM                       | NM                     | 1.1                  | 233                                | 6.49   | 28.86       | 490          | 0.92             | 17.12     | 68.1                          |
| MW-06S       | 02/02/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.44                               | 28.52  | 1,053       | 0.92         | < 10             | 60.1      |                               |
|              | 10/18/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.41                               | 29.17  | 892         | 0.57         | 5.89             | 62.7      |                               |
|              | 09/11/2012 | 119        | 20.0 U          | 366             | 284                  | NM           | NM           | 0.036 I                                     | 93.8     | 27.3    | 2.2                      | 18.1 I                 | 0.91 I               | 279                                | 8.59 J | 29.85       | 890          | 0.32             | 3.95 J    | 201.8 J                       |
|              | 12/05/2013 | 112        | 20.0 U          | 326             | 22.7                 | 0.032 I      | 0.092 I      | 0.032 I                                     | 95.5     | 31.5    | NM                       | NM                     | 0.76 I               | 277                                | 6.50   | 28.97       | 657          | 0.26             | 3.72      | 48.6                          |
|              |            |            |                 |                 |                      |              |              |   |          |         |                          |                        |                      |                                    |        |             |              |                  |           |                               |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH     | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|--------|-------------|--------------|------------------|-----------|-------------------------------|
|        |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)   | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
|        |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -      | -           | -            | -                | -         |                               |
|        |            | <b>MCL</b> |                 | <b>50*</b>      |                      |              |              |   |          |         |                          |                        |                      |                                    |        |             |              |                  |           |                               |
|        |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)   | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| MW-07S | 10/17/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.49                               | 28.65  | 1,100       | 1.65         | 0.61             | 199.6     |                               |
|        | 09/11/2012 | 20.0 U     | 20.0 U          | 16.0            | 15.1                 | NM           | NM           | 0.12  | 153      | 33.4    | 2.5                      | 19.8 I                 | 1.8                  | 327                                | 8.87 J | 28.22       | 1,164        | 0.40             | 0.39 J    | 191.9 J                       |
|        | 04/17/2013 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.69                               | 27.83  | 1,109       | 0.48         | 5.09             | -195.6    |                               |
|        | 12/03/2013 | 20.0 U     | 20.0 U          | 19.0            | 18.7                 | 0.91         | 0.072 U      | 0.91  | 132      | 52.4    | NM                       | NM                     | 2.3                  | 326                                | 6.68   | 27.46       | 1,137        | 0.49             | 1.11      | 87.3                          |
|        | 02/03/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.1                  | NM                                 | 6.64   | 27.63       | 1,112        | 0.46             | 0.98      | 138.5                         |
|        | 03/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.0                  | NM                                 | 6.76   | 27.28       | 1,206        | 0.24             | 0.03      | -97.7                         |
|        | 07/10/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.68                               | 27.93  | 1,188       | 0.03         | NM               | 200.0     |                               |
|        | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 57.6                 | NM                                 | 6.88   | 27.91       | 5.28         | 0.52             | 4.29      | 26.6                          |
|        |            | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.52                               | 27.98  | 1,297       | 0.14         | 18.90            | -78.6     |                               |
|        | 07/21/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 10.5                 | NM                                 | 7.52   | 28.21       | 1,184        | 0.11             | 5.94      | -132                          |
|        | 07/28/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 3.61                 | NM                                 | 7.66   | 28.20       | 1,169        | 1.62             | 4.76      | -83.1                         |
|        | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.60                               | 28.40  | 1,113       | 2.17         | 6.46             | -91.2     |                               |
|        | 08/04/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.23                               | 27.08  | 1,215       | 0.37         | 9.05             | -148.4    |                               |
|        | 08/11/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.07                               | 28.58  | 1,269       | 0.21         | 2.63             | -52.1     |                               |
|        | 04/18/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.09                               | 27.60  | 1,126       | 2.80         | 0.93             | -154.3    |                               |
|        | 07/26/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.8                  | 367                                | 7.26   | 27.65       | 1.2          | 0.22             | 10.00     | -126.8                        |
|        | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.21                               | 27.80  | 1,177       | 2.45         | 0.71             | -143.6    |                               |
|        | 01/23/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.93                               | 27.86  | -           | 0.14         | 1.71             | -92.1     |                               |
|        | 09/24/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.07                               | 28.62  | 1,293       | 0.24         | 0.27             | -104.1    |                               |
|        | 03/25/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.81                               | 28.41  | 1,147       | 0.16         | 0.56             | -94.1     |                               |
|        | 09/25/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 9.38                               | 28.79  | 1,161       | 0.49         | 0.58             | -253.3    |                               |
|        | 03/23/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.78                               | 26.90  | 1,298       | 0.39         | 0.01             | 60.1      |                               |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample       |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH     | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|--------|-------------|--------------|------------------|-----------|-------------------------------|
| Location     | Date       | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (mg/L)                             | (S.U.) | (°C)        | (µS/cm)      | (mg/L)           | (NTUs)    | (mV)                          |
| <b>MCL</b>   |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -      | -           | -            | -                | -         | -                             |
| <b>Units</b> |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (mg/L)                             | (S.U.) | (°C)        | (µS/cm)      | (mg/L)           | (NTUs)    | (mV)                          |
| MW-07D       | 10/17/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.89   | 28.39       | 1,373        | 0.73             | 1.03      | -51.3                         |
|              | 09/11/2012 | 725        | 20.0 U          | 250             | 228                  | NM           | NM           | 0.025 U                                     | 172      | 53.7    | 2.0 U                    | 23.2                   | 1.4                  | 376                                | 9.09 J | 27.86       | 1,443        | 0.29             | 0.97 J    | -118.1 J                      |
|              | 04/17/2013 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.90   | 27.46       | 1,333        | 0.46             | 7.88      | -179.1                        |
|              | 12/03/2013 | 2,220      | 491             | 258             | 245                  | 0.086 U      | 0.072 U      | 0.086 U                                     | 156      | 54.4    | NM                       | NM                     | 1.4                  | 309                                | 7.12   | 27.13       | 1,088        | 0.25             | 31.7      | -188.2                        |
|              | 02/03/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1.5                  | NM                                 | 7.04   | 27.61       | 1,282        | 0.36             | 109       | -133.5                        |
|              | 03/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1.2                  | NM                                 | 7.18   | 26.51       | 1,218        | 0.41             | 6.97      | -144.6                        |
|              | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 3.28                 | NM                                 | 6.88   | 27.90       | 5.28         | 0.52             | 4.29      | 26.6                          |
|              | 07/21/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 3.83                 | NM                                 | 6.83   | 27.72       | 5.31         | 0.20             | 4.51      | -78.6                         |
|              | 07/28/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 3.39                 | NM                                 | 7.36   | 28.40       | 643          | 0.46             | 11.30     | -106.5                        |
|              | 08/04/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.24   | 27.88       | 1,006        | 0.32             | 5.44      | -1,056                        |
|              | 08/11/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.05   | 29.89       | 1,323        | 0.17             | 1.72      | -78.6                         |
|              | 01/23/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.13   | 27.23       | -            | 0.20             | 2.37      | -60.1                         |
|              | 09/25/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.38   | 27.83       | 422          | 0.30             | 2.61      | 49.3                          |
|              | 09/25/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 8.17   | 29.33       | 362          | 0.24             | 0.93      | -260.4                        |
| MW-08S       | 10/17/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.40   | 30.39       | 818          | 1.26             | 36.7      | 118.3                         |
|              | 09/12/2012 | 304        | 37.2 I          | 171             | 3.5 I                | NM           | NM           | 0.89  | 97.2     | 37.1    | 2.0 U                    | 18.5 I                 | 1.2                  | 210                                | 6.63   | 28.97       | 838          | 0.83             | 7.40 J    | 178.5 J                       |
|              | 12/05/2013 | 6,170      | 65.1            | 171             | 45.8                 | 0.23         | 0.062        | 0.30 I                                      | 25.6     | 14.9    | NM                       | NM                     | 1.2                  | 127                                | 7.18   | 27.64       | 233          | 6.27             | 122       | 61.4                          |
|              |            |            |                 |                 |                      | .            |              |   |          |         |                          |                        |                      |                                    |        |             |              |                  |           |                               |
| MW-09S       | 10/17/2011 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.29   | 30.59       | 741          | 0.88             | 86.9      | 131.1                         |
|              | 09/11/2012 | 20.0 U     | 20.0 U          | 1,280           | 1,170                | NM           | NM           | 0.24  | 64.7     | 36.5    | 2.0 U                    | 12.7 I                 | 1.0 I                | 230                                | 8.39 J | 30.20       | 737          | 0.25             | 0.28 J    | 239.8 J                       |
|              | 12/04/2013 | 394        | 20.0 U          | 1,390           | 1,370                | 0.31         | 0.0091 I     | 0.31 I                                      | 63.9     | 39      | NM                       | NM                     | 0.94 I               | 219                                | 6.37   | 29.06       | 539          | 0.37             | 6.02      | 0.5                           |
|              | 09/20/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.19   | 29.98       | 650          | 0.31             | 2.72      | 226.9                         |
| MW-10S       | 12/03/2013 | 357        | 132             | 389             | 389                  | 0.66         | 0.036 U      | 0.66  | 84.3     | 43.1    | NM                       | NM                     | 1.8                  | 197                                | 6.43   | 29.34       | 771          | 0.33             | NM        | 56.1                          |
|              | 09/20/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.16   | 30.58       | 790          | 0.09             | 5.79      | 136.3                         |
| MW-11S       | 12/03/2013 | 1,970      | 395             | 708             | 705                  | 2.6          | 0.036 U      | 2.7   | 85.9     | 49.9    | NM                       | NM                     | 2.3                  | 226                                | 6.52   | 28.31       | 847          | 0.24             | 18.9      | 75.8                          |
|              | 09/21/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.62   | 29.51       | 819          | 0.24             | 5.52      | 123.1                         |
|              | 09/23/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 5.46   | 29.95       | 779          | 0.40             | 19.0      | -108.7                        |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH    | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|-------|-------------|--------------|------------------|-----------|-------------------------------|
|        |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)  | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| MCL    |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -     | -           | -            | -                | -         |                               |
| Units  |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)  | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| MW-12S | 12/02/2013 | 239        | 20.0 U          | 1,170           | 1,260                | 1.3          | 0.072 U      | 1.3   | 143      | 50.2    | NM                       | NM                     | 1.2                  | 305                                | 6.68  | 28.73       | 1,103        | 0.28             | 6.81      | 33.7                          |
| MW-12S | 09/20/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.47  | 28.43       | 1,107        | 0.43             | 3.86      | 133.4                         |
| MW-13S | 12/02/2013 | 421        | 20.0 U          | 253             | 259                  | 1.4          | 0.082        | 1.5   | 58.7     | 106     | NM                       | NM                     | 2.5                  | 178                                | 6.87  | 26.82       | 873          | 0.40             | 16.8      | 36.4                          |
| MW-13S | 03/16/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 4.9                  | NM                                 | 7.23  | 28.36       | 956          | 0.26             | 21.2      | 1.66                          |
| MW-13S | 04/19/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.79  | 27.1        | 1,623        | 1.01             | 20.2      | -265.1                        |
| MW-13S | 07/25/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.33  | 29          | 1,600        | 0.17             | 25        | -67.4                         |
| MW-13S | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 13.36 | 28.6        | 13.24        | 3.91             | 1.18      | -422                          |
| MW-13S | 01/25/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.01  | 29.31       | -            | 0.73             | 3.57      | -60.1                         |
| MW-13S | 09/17/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.51  | 29.89       | 1,213        | 0.27             | 27.2      | -108.0                        |
| MW-13S | 09/26/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 8.06  | 29.80       | 873          | 0.28             | 4.53      | -183.3                        |
| MW-14S | 12/04/2013 | 2,380      | 35.1 I          | 1,180           | 1,080                | 0.58         | 0.046 I      | 0.63  | 23.3     | 42.6    | NM                       | NM                     | 1.8                  | 185                                | 6.37  | 29.56       | 419          | 1.03             | NM        | 40.6                          |
| MW-15S | 12/02/2013 | 4,660      | 20.0 U          | 2,240           | 1,940                | 0.086 U      | 0.072 U      | 0.086 U                                     | 74.2     | 82.7    | NM                       | NM                     | 3.3                  | 517                                | 7.08  | 27.23       | 1,426        | 1.02             | 10.5      | 10.1                          |
| MW-15S | 09/21/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.12  | 29.09       | 1,482        | 3.62             | 0.50      | 134.9                         |
| MW-16S | 02/03/2015 | NM         | NM              | NM              | NM                   | 0.10         | 0.025 U      | 0.10  | 115      | 41.3    | NM                       | NM                     | 2.5                  | NM                                 | 6.64  | 26.43       | 1,344        | 0.53             | 1.04      | 98.0                          |
| MW-16S | 03/16/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.6                  | NM                                 | 6.99  | 26.65       | 1,373        | 0.28             | 18.7      | -125.3                        |
| MW-16S | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.78                 | NM                                 | 6.93  | 27.12       | 1,383        | 0.33             | 1.76      | 38.7                          |
| MW-16S | 07/24/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.17                 | NM                                 | 6.90  | 27.29       | 1,378        | 0.38             | 4.55      | -34.1                         |
| MW-16S | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.40  | 27.69       | 1,449        | 2.50             | 1.34      | -87.1                         |
| MW-16S | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.89  | 27.26       | 1,393        | 0.29             | 6.98      | -29.8                         |
| MW-16S | 04/19/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.83  | 27.70       | 1,592        | 0.81             | 0.13      | -563.1                        |
| MW-16S | 07/26/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 3.9                  | 558                                | 6.75  | 29.33       | 1,471        | 0.42             | 10.00     | -72.1                         |
| MW-16S | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 14.95 | 27.6        | 1,360        | 1.19             | 6.94      | 1.19                          |
| MW-16S | 07/26/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 3.7                  | 567                                | 7.62  | 28.1        | 1,354        | 0.76             | 8.16      | -367                          |
| MW-16S | 09/19/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.75  | 28.55       | 1,375        | 0.19             | 13.9      | -114.6                        |
| MW-16S | 03/26/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.73  | 28.72       | 1,309        | 1.40             | 6.35      | 44.7                          |
| MW-16S | 09/24/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.14  | 28.77       | 1,354        | 0.35             | 1.60      | -43.1                         |
| MW-16S | 09/24/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.14  | 28.77       | 1,354        | 0.35             | 1.60      | -43.1                         |
| MW-16S | 03/24/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.70  | 29.00       | 1,376        | 0.41             | 6.00      | 60.3                          |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample       |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH    | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|-------|-------------|--------------|------------------|-----------|-------------------------------|
|              |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)  | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| <b>MCL</b>   |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -     | -           | -            | -                | -         |                               |
| <b>Units</b> |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)  | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| MW-17S       | 02/04/2015 | NM         | NM              | NM              | NM                   | 0.025 U      | 0.025 U      | 64.9  | 32.2     | NM      | NM                       | 4.2                    | NM                   | 6.68                               | 27.48 | 1,504       | 0.38         | 9.29             | 81.9      |                               |
|              | 03/16/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 7.7                    | NM                   | 6.78                               | 27.59 | 2,110       | 0.56         | 2.62             | -179.1    |                               |
|              | 07/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.68                               | 29.61 | 1,866       | 0.30         | 0.78             | -100.3    |                               |
|              | 07/08/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 1,629                  | NM                   | NM                                 | NM    | NM          | NM           | NM               | NM        |                               |
|              | 07/13/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 1,652                  | NM                   | 6.40                               | 30.57 | 4,872.0     | 0.12         | 7.7              | -85.5     |                               |
|              | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 1,479                  | NM                   | 6.49                               | 35.14 | 4,564       | 0.96         | NM               | -67.1     |                               |
|              | 07/24/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 1,522                  | NM                   | 6.16                               | 32.87 | 3,840       | 0.38         | 37.3             | -119.8    |                               |
|              | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.52                               | 29.47 | 4,004       | 0.20         | 10.4             | -110.7    |                               |
|              | 07/27/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 28.4                   | 1,330                | 6.60                               | 30.70 | 2,895       | 0.19         | 10.0             | -112.5    |                               |
|              | 06/20/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 11.70                              | 27.9  | 2,417       | 4.40         | 6.1              | 321.0     |                               |
|              | 09/17/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.09                               | 30.83 | 2,727       | 0.33         | 34.8             | -119.2    |                               |
|              | 03/28/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.67                               | 29.98 | 2,399       | 0.13         | 33.2             | -120.2    |                               |
|              | 09/25/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 9.01                               | 29.70 | 2,691       | 0.74         | 13.1             | -169.1    |                               |
|              | 03/27/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.53                               | 27.90 | 2,898       | 0.27         | 2.90             | -140.3    |                               |
| MW-18S       | 02/04/2015 | NM         | NM              | NM              | NM                   | 0.025 U      | 0.025 U      | 0.025 U                                     | NM       | NM      | NM                       | 3.2                    | 643                  | 6.78                               | 28.08 | 1,494       | 0.80         | 0.0              | 31.3      |                               |
|              | 03/16/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 4.3                    | NM                   | 7.30                               | 27.79 | 1.83        | 0.59         | 10.7             | 160       |                               |
|              | 07/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.75                               | 29.03 | 1,607       | 0.39         | 11.4             | -73.3     |                               |
|              | 07/08/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 1,290                  | NM                   | NM                                 | NM    | NM          | NM           | NM               | NM        |                               |
|              | 07/13/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 1,269                  | NM                   | 6.51                               | 29.26 | 2,195       | 0.87         | 6.3              | -209      |                               |
|              | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 892                    | NM                   | 6.69                               | 30.76 | 4,203       | 0.56         | 15.7             | -80.4     |                               |
|              | 07/24/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 649                    | NM                   | 6.66                               | 30.53 | 3,872       | 1.20         | 9.00             | -114.3    |                               |
|              | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 8.16                               | 28.74 | 856         | 1.40         | 7.92             | -103.0    |                               |
|              | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.69                               | 29.75 | 3,645       | 0.07         | 5.99             | -90.7     |                               |
|              | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 13.40                              | 28.4  | 1,930       | 5.92         | 9.40             | -407.0    |                               |
|              | 01/25/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.65                               | 25.5  | -           | 0.49         | 3.56             | -101.1    |                               |
|              | 09/17/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.63                               | 30.75 | 1,810       | 0.35         | 18.6             | -111.0    |                               |
|              | 03/28/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.61                               | 29.52 | 2,084       | 0.08         | 4.26             | -115.3    |                               |
|              | 09/26/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.79                               | 28.41 | 2,063       | 0.43         | 3.21             | -143.1    |                               |
|              | 03/27/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.54                               | 27.70 | 2,077       | 0.30         | 2.24             | -176.2    |                               |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample       |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH      | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|---------|-------------|--------------|------------------|-----------|-------------------------------|
|              |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (S.U.)               | (°C)                               | (µS/cm) | (mg/L)      | (NTUs)       | (mV)             |           |                               |
| <b>MCL</b>   |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -       | -           | -            | -                | -         |                               |
| <b>Units</b> |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (S.U.)               | (°C)                               | (µS/cm) | (mg/L)      | (NTUs)       | (mV)             |           |                               |
| MW-19S       | 07/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 3.43                 | NM                                 | 6.98    | 30.06       | 1,422        | 1.61             | 3.6       | 459.6                         |
|              | 07/10/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 286                  | NM                                 | NM      | NM          | NM           | NM               | NM        | NM                            |
|              | 07/13/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 225                  | NM                                 | 7.02    | 29.40       | 1,920        | 0.42             | 11.1      | -87.8                         |
|              | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 149                  | NM                                 | 6.99    | 30.75       | 1,737        | 0.30             | 4.54      | -87.6                         |
|              | 07/24/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 91.9                 | NM                                 | 7.04    | 30.09       | 1,556        | 0.87             | 3.49      | -113.9                        |
|              | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.07    | 28.81       | 1,458        | 1.49             | 4.84      | -106.5                        |
|              | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.77                               | 28.25   | 1,477       | 0.08         | 5.75             | -99.6     |                               |
|              | 04/19/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.65                               | 27.80   | 1,667       | 1.90         | 1.20             | -345.2    |                               |
| MW-20S       | 07/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1.64                 | NM                                 | 6.93    | 29.59       | 1,327        | 0.35             | 1.81      | 194.0                         |
|              | 07/10/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 216                  | NM                                 | NM      | NM          | NM           | NM               | NM        | NM                            |
|              | 07/13/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 35.7                 | NM                                 | 6.97    | 28.23       | 1,290        | 0.27             | 10.6      | -7.2                          |
|              | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 6.36                 | NM                                 | 6.92    | 31.73       | 1,257        | 0.30             | 29.9      | -129.4                        |
|              | 07/24/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 8.55                 | NM                                 | 7.05    | 30.35       | 1,252        | 0.62             | 4.23      | -134.1                        |
|              | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.18    | 27.71       | 1,151        | 0.82             | 13.1      | -96.8                         |
|              | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.90    | 28.09       | 1,384        | 0.10             | 5.49      | -107                          |
|              | 04/19/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.58    | 27.80       | 1,526        | 1.97             | 15.40     | -399.8                        |
|              | 07/27/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.80    | 30.26       | 1,523        | 0.34             | 10.00     | -49.2                         |
|              | 09/18/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.80    | 27.80       | 1,278        | 0.28             | 2.59      | -105.0                        |
|              | 03/28/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.69    | 29.54       | 1,626        | 0.39             | 0.90      | -61.1                         |
|              | 09/26/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.87    | 29.49       | 1,270        | 0.40             | 2.90      | -114.1                        |
|              | 03/26/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.57    | 28.10       | 1,437        | 0.32             | 4.60      | -60.8                         |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH    | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|-------|-------------|--------------|------------------|-----------|-------------------------------|
|        |            | (µg/L)     | (µg/L)          | (µg/L)          | (mg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)  | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| MCL    |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -     | -           | -            | -                | -         |                               |
| Units  |            |            |                 |                 |                      |              |              |   |          |         |                          |                        |                      |                                    |       |             |              |                  |           |                               |
| MW-21S | 07/10/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.16                 | NM                                 | 6.60  | 27.59       | 1,199        | 4.20             | 1.51      | 327.6                         |
|        | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 131                  | NM                                 | 6.96  | 29.35       | 1,736        | 0.45             | 33.6      | -9.1                          |
|        | 07/21/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 6.47                 | NM                                 | 6.92  | 27.94       | 1,425        | 0.12             | 9.43      | -118.2                        |
|        | 07/28/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 3.10                 | NM                                 | 6.97  | 27.92       | 1,334        | 0.57             | 3.83      | -110.2                        |
|        | 08/04/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.99  | 28.33       | 1,308        | 0.74             | 9.80      | -67.0                         |
|        | 08/11/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.73  | 28.40       | 1,300        | 0.31             | 2.85      | -28.1                         |
|        | 04/18/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.08  | 27.50       | 1,267        | 3.15             | 0.77      | -181.7                        |
|        | 07/26/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.91  | 27.62       | 1,255        | 0.25             | 10.00     | -18.1                         |
|        | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.28  | 27.8        | 1,079        | 2.01             | 0.07      | -129.6                        |
|        | 01/23/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.98  | 28.1        |              | 0.39             | 11.12     | -45.1                         |
|        | 09/24/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.23  | 28.71       | 1,185        | 0.14             | 5.05      | -106.6                        |
|        | 03/26/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.94  | 28.76       | 1,050        | 3.8              | 3.08      | -65.8                         |
|        | 09/25/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.50  | 28.08       | 1,148        | 0.45             | 0.60      | -56.7                         |
|        | 03/23/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.87  | 27.60       | 1,234        | 0.43             | 2.17      | -31.5                         |
| MW-22S | 09/24/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.08  | 28.24       | 1,697        | 0.56             | 7.90      | 62.3                          |
| MW-23S | 07/27/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 370                  | 6.64                               | 29.36 | 1,338       | 0.40         | 10.00            | 281.6     |                               |
| MW-23S | 09/24/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 5.60                               | 28.48 | 1,120       | 0.43         | 2.0              | 41.1      |                               |
| MW-24S | 04/20/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.88  | 27.8        | 1,183        | 1.20             | 8.30      | -3337.2                       |
| MW-24S | 07/27/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.65  | 29.23       | 1,130        | 1.27             | 10.00     | 199.1                         |
| MW-26  | 06/21/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 10.40 | 28.4        | 1,158        | 4.22             | 3.90      | 270.1                         |
|        | 07/27/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.0                  | 345                                | 6.96  | 28.8        | 1,081        | 0.33             | 1.26      | -361.1                        |
|        | 09/18/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.65  | 30.51       | 2,179        | 0.18             | 36.4      | -133.1                        |
|        | 09/27/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.50  | 30.29       | 2,274        | 0.26             | 8.51      | -149.2                        |
| MW-28S | 09/19/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.60  | 28.91       | 1,080        | 0.44             | 2.20      | 242.1                         |
|        | 10/02/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 5.13  | 30.34       | 1,046        | 0.98             | 8.29      | -4.3                          |
| MW-29S | 06/20/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 10.25 | 29.6        | 1,269        | 2.71             | 1.92      | 271.9                         |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample       |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH      | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|---------|-------------|--------------|------------------|-----------|-------------------------------|
|              |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (S.U.)               | (°C)                               | (µS/cm) | (mg/L)      | (NTUs)       | (mV)             |           |                               |
| <b>MCL</b>   |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -       | -           | -            | -                | -         |                               |
| <b>Units</b> |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (S.U.)               | (°C)                               | (µS/cm) | (mg/L)      | (NTUs)       | (mV)             |           |                               |
| MW-31S       | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.32                               | 27.4    | 1,036       | 2.81         | 1.63             | 18.3      |                               |
|              | 07/26/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 4.1                    | 436                  | 6.14                               | 27.3    | 1,044       | 0.62         | 0.18             | -298      |                               |
|              | 01/23/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.93                               | 26.61   | -           | 0.39         | 1.04             | 23.2      |                               |
|              | 09/25/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.16                               | 28.25   | 1,326       | 0.18         | 0.85             | -39.8     |                               |
|              |            |            |                 |                 |                      |              |              |   |          |         |                          |                        |                      |                                    |         |             |              |                  |           |                               |
| INJ-1        | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 488                    | NM                   | 6.81                               | 28.64   | 2,348       | 0.16         | 27.9             | -127.1    |                               |
|              | 07/21/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 452                    | NM                   | 6.20                               | 28.0    | 5,221       | 0.19         | 19.2             | -129.7    |                               |
|              | 07/28/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 92.6                   | NM                   | 7.40                               | 28.13   | 1,250       | 0.70         | 10.5             | -94.9     |                               |
|              | 08/04/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.09                               | 27.89   | 1,131       | 0.21         | 7.55             | -90.5     |                               |
|              | 08/11/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.89                               | 29.20   | 1,353       | 0.15         | 14.40            | -91.6     |                               |
| INJ-2        | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 775                    | NM                   | 6.62                               | 28.49   | 2,664       | 0.29         | 215              | -77.9     |                               |
|              | 07/21/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 703                    | NM                   | 6.39                               | 28.47   | 2,666       | 0.25         | 54.7             | -122.7    |                               |
|              | 07/28/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 556                    | NM                   | 6.74                               | 28.13   | 2,089       | 0.26         | 20.1             | -95.9     |                               |
|              | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.06                               | 28.75   | 1,864       | 2.35         | 21.0             | -769      |                               |
|              | 08/04/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.84                               | 28.45   | 1,720       | 0.30         | 59.2             | -79.6     |                               |
|              | 08/11/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.53                               | 28.42   | 2,677       | 0.15         | 99.0             | -110      |                               |
| INJ-3        | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 5,145                  | NM                   | 6.15                               | 33.24   | 4,856       | 0.22         | 9.14             | -70.3     |                               |
|              | 07/21/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 739                    | NM                   | 6.44                               | 28.43   | 3,026       | 0.11         | 31.6             | -131.8    |                               |
|              | 07/28/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 231                    | NM                   | 6.99                               | 28.68   | 1,827       | 1.01         | 13.6             | -85.0     |                               |
|              | 08/04/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.95                               | 28.09   | 1,588       | 0.30         | 7.0              | -61.3     |                               |
|              | 08/11/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.96                               | 29.03   | 1,523       | 0.15         | 10.0             | -108.0    |                               |
|              | 07/28/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | 8.2                    | NM                   | 6.85                               | 27.83   | 1,320       | 1.35         | 10.0             | -48.7     |                               |
|              | 01/23/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.59                               | 28.00   | 1,470       | 0.11         | 10.1             | -83.9     |                               |
|              | 09/25/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 8.28                               | 28.75   | 1,441       | 0.92         | 26.1             | -127.3    |                               |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH    | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|-------|-------------|--------------|------------------|-----------|-------------------------------|
|        |            | (µg/L)     | (µg/L)          | (µg/L)          | (mg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)  | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
|        |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -     | -           | -            | -                | -         |                               |
|        |            | <b>MCL</b> |                 | <b>50*</b>      |                      |              |              |   |          |         |                          |                        |                      |                                    |       |             |              |                  |           |                               |
|        |            | (µg/L)     | (µg/L)          | (µg/L)          | (mg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)  | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| INJ-4  | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>2.90</b>          | NM                                 | NM    | NM          | NM           | NM               | NM        |                               |
|        | 07/21/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>1.64</b>          | NM                                 | 6.75  | 29.25       | 1,405        | 0.42             | 4.47      | -115.1                        |
|        | 07/28/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>1.37</b>          | NM                                 | 6.79  | 27.69       | 1,383        | 0.46             | 4.75      | -61.7                         |
|        | 08/04/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.84  | 27.95       | 1,374        | 1.10             | 0.82      | -79.0                         |
|        | 08/11/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.73  | 28.88       | 1,396        | 0.16             | 0.28      | -47.0                         |
|        | 04/19/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.52                               | 26.80 | 832         | 3.93         | 37.8             | -425.3    |                               |
|        | 07/27/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>13.4</b>          | <b>556</b>                         | 6.65  | 27.20       | 1,350        | 0.61             | 3.66      | -352.3                        |
| INJ-6  | 04/19/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.81  | 23.3        | 2,049        | 2.69             | 15.8      | -432.2                        |
|        | 07/27/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.48  | 28.3        | 1,374        | 0.96             | 0.53      | -322.3                        |
|        | 03/27/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.75  | 28.33       | 1,376        | 0.16             | 0.67      | -78.9                         |
|        | 10/01/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 5.61  | 30.17       | 1,399        | 0.50             | 1.02      | -139.3                        |
|        | 03/25/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.56  | 28.10       | 1,508        | 0.42             | 0.61      | 73.6                          |
| INJ-7  | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>116</b>           | NM                                 | 6.29  | 31.9        | 3,787        | 0.12             | >1000     | -76.4                         |
|        | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.77  | 29.53       | 2,650        | 0.09             | 9.78      | -151.7                        |
| INJ-8  | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>6,110</b>         | NM                                 | 6.19  | 32.91       | 1,525        | 1.47             | >1000     | -64.4                         |
|        | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.67  | 30.16       | 3,117        | 0.13             | 41.1      | -142.5                        |
| INJ-9  | 07/13/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>1,041</b>         | NM                                 | 6.71  | 29.89       | 5,892        | 0.52             | 45.1      | -127.1                        |
|        | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>470</b>           | NM                                 | 5.56  | 30.26       | 1,453        | 0.46             | >1000     | 41.7                          |
|        | 07/24/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>297</b>           | NM                                 | 6.56  | 29.96       | 2,232        | 0.29             | 20.2      | -119.3                        |
|        | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 7.00  | 29.52       | 2,048        | 0.48             | 4.69      | -152                          |
|        | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.75  | 29.49       | 3,125        | 0.13             | 14.8      | -151.5                        |
|        | 04/19/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.95  | 28.10       | 1,819        | 1.47             | 17.9      | -361.8                        |
| INJ-10 | 07/13/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>1,654</b>         | NM                                 | 6.51  | 37.08       | 4,060        | 1.47             | 182       | -92.9                         |
|        | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>591</b>           | NM                                 | 6.09  | 30.80       | 1,667        | 0.48             | >1000     | -69.5                         |
|        | 07/24/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | <b>1,231</b>         | NM                                 | 6.49  | 33.20       | 4,448        | 0.15             | 56.6      | -126.6                        |
|        | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.51  | 31.60       | 3,512        | 2.70             | 43.4      | -146.3                        |
|        | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.63  | 29.54       | 4,540        | 0.15             | 8.55      | -155.1                        |
|        | 04/19/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.81  | 28.30       | 2,338        | 2.75             | 40.90     | -350.2                        |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample       |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH    | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|-------|-------------|--------------|------------------|-----------|-------------------------------|
|              |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)  | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| <b>MCL</b>   |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -     | -           | -            | -                | -         |                               |
| <b>Units</b> |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (S.U.)                             | (°C)  | (µS/cm)     | (mg/L)       | (NTUs)           | (mV)      |                               |
| INJ-11       | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1,254                | NM                                 | 6.32  | 31.04       | 3,934        | 0.55             | >1000     | -112.8                        |
|              | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 5.91                 | 30.29                              | 2,077 | 0.23        | 74.0         | -199.3           |           |                               |
| INJ-12       | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1,300                | NM                                 | 6.11  | 31.2        | 1,995        | 0.52             | >1000     | -111.4                        |
|              | 08/07/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 6.61                 | 27.98                              | 4,103 | 0.28        | 10.0         | -109.7           |           |                               |
| INJ-13       | 07/25/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.35                               | 29.07 | 2,320       | 0.1          | 200              | -100.4    |                               |
|              | 07/25/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.55                               | 30.54 | 2,956       | 0.14         | 9                | 311.4     |                               |
| INJ-15       | 07/10/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.57                               | 27.93 | 1,220       | 0.41         | 4.13             | 416.9     |                               |
|              | 07/17/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 1,403                | NM                                 | 6.58  | 29.87       | 4,433        | 0.57             | 40.2      | -69.6                         |
|              | 07/21/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 734                  | NM                                 | 6.34  | 28.95       | 2,688        | 0.44             | 34.0      | -127.3                        |
|              | 07/28/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 223                  | NM                                 | 6.46  | 23.52       | 1,661        | 2.35             | 8.55      | -132                          |
|              | 07/31/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.06                               | 28.72 | 1,541       | 2.94         | 19.2             | -170.4    |                               |
|              | 08/04/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.79                               | 28.64 | 1,372       | 0.42         | 5.12             | -120.5    |                               |
|              | 08/11/2015 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.88                               | 29.08 | 1,368       | 0.21         | 3.74             | -101.0    |                               |
| INJ-16       | 04/18/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 10.6                 | NM                                 | 7.2   | 27.8        | 1,087        | 3.18             | 3.97      | -1750                         |
|              | 07/25/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.85                               | 28.15 | 1,043       | 1.17         | 10               | -53       |                               |
|              | 07/27/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 3.7                  | 389                                | 7.68  | 29.2        | 1,064        | 2.30             | 0.28      | -380.6                        |
| INJ-18       | 04/19/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 7.28                               | 28.38 | 1,128       | 1.12         | 12.2             | -465      |                               |
|              | 07/27/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 6.9                  | 410                                | 7.17  | 29.7        | 1,071        | 0.66             | 1.08      | -414.3                        |
| INJ-22       | 07/25/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.80                               | 26.79 | 1,481       | 0.29         | 10               | -98       |                               |
|              | 07/27/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | 2.6                  | 439                                | 6.82  | 27          | 1,263        | 1.10             | 0.29      | -357.1                        |
| INJ-23       | 01/25/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.80                               | 26.57 |             | 0.44         | 0.79             | -96.9     |                               |
|              | 03/27/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.55                               | 30.23 | 1,930       | 0.04         | 23.4             | -131.4    |                               |
|              | 10/01/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 5.45                               | 30.01 | 1,926       | 0.23         | 14.5             | -140.9    |                               |
|              | 03/25/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | 6.48                               | 28.00 | 1,720       | 0.33         | 7.98             | -169.1    |                               |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample       |            | Total Iron | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride | Sulfate | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH     | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |        |
|--------------|------------|------------|-----------------|-----------------|----------------------|--------------|--------------|---|----------|---------|--------------------------|------------------------|----------------------|------------------------------------|--------|-------------|--------------|------------------|-----------|-------------------------------|--------|
| Location     | Date       | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (mg/L)                             | (S.U.) | (°C)        | (µS/cm)      | (mg/L)           | (NTUs)    | (mV)                          |        |
| <b>MCL</b>   |            | 300*       | -               | 50*             | -                    | 10           | 1            | -   | 250*     | 250*    | -                        | -                      | -                    | -                                  | -      | -           | -            | -                | -         | -                             |        |
| <b>Units</b> |            | (µg/L)     | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)   | (mg/L)  | (mg/L)                   | (mg/L)                 | (mg/L)               | (mg/L)                             | (S.U.) | (°C)        | (µS/cm)      | (mg/L)           | (NTUs)    | (mV)                          |        |
| INJ-24       | 04/20/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 8.49   | 28.2        | 1,660        | 1.37             | 7.2       | -390.7                        |        |
|              | 07/27/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.33   | 29.31       | 1,697        | 0.44             | 10        | -55.9                         |        |
|              | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 13.16  | 27.4        | 11.57        | 2.13             | 1.20      | -323.4                        |        |
|              | 01/25/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.66   | 26.77       | -            | 0.42             | 1.91      | -62.3                         |        |
|              | 09/19/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 5.38   | 32.27       | 2,066        | 0.26             | 29.4      | -32.0                         |        |
|              | 03/27/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.45   | 29.62       | 1,831        | 0.06             | 19.0      | -107.9                        |        |
|              | 10/01/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 5.69   | 28.26       | 2,021        | 0.42             | 18.7      | -174.0                        |        |
|              | 03/25/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.48   | 29.3        | 1,976        | 0.35             | 14.3      | -351.5                        |        |
| INJ-25       | 07/25/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.61   | 29.48       | 1,025        | 0.27             | 8         | -60.5                         |        |
|              | 07/27/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 693    | 6.78        | 27.9         | 1,497            | 0.63      | 1.27                          | -328.1 |
|              | 09/18/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.77   | 30.00       | 2,329        | 0.19             | 35.0      | -139.0                        |        |
|              | 07/26/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.69   | 29.99       | 1,449        | 0.8              | 10        | 290.4                         |        |
| INJ-28       | 07/26/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.75   | 28.85       | 1,446        | 2.56             | 10        | 251.6                         |        |
|              | 01/24/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.29   | 27.68       | 1,064        | 1.79             | 10        | 208.7                         |        |
| INJ-29       | 01/24/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.74   | 28.25       | 1,365        | 0.39             | 2.81      | -75.4                         |        |
|              | 10/02/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 5.75   | 29.29       | 919          | 0.49             | 2.81      | -125.7                        |        |
|              | 07/26/2016 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.41   | 28.78       | 1,331        | 4.2              | 10        | 277.6                         |        |
| INJ-30       | 01/24/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.87   | 28.19       | 1,538        | 0.37             | 0.9       | -103.8                        |        |
|              | 09/19/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.51   | 29.55       | 1,924        | 0.13             | 20.9      | -164.9                        |        |
|              | 09/30/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 5.56   | 29.88       | 1,469        | 0.50             | 1.52      | -137.2                        |        |
|              | 03/26/2020 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.48   | 28.90       | 1,440        | 0.34             | 0.59      | -198.3                        |        |
|              | 07/26/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 1,140  | 555         | 6.88         | 29.4             | 1,507     | 0.90                          | 8.11   |
| INJ-34       | 01/24/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 5.58   | 29.19       | -            | 0.68             | 9.53      | 31.5                          |        |
|              | 06/19/2017 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 11.41  | 28.8        | 1,701        | 5.71             | 14.3      | -326.1                        |        |
| INJ-36       | 01/24/2018 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.76   | 28.66       | 2,638        | 0.30             | 9.99      | -135.8                        |        |
|              | 09/27/2019 | NM         | NM              | NM              | NM                   | NM           | NM           | NM  | NM       | NM      | NM                       | NM                     | NM                   | NM                                 | 6.23   | 29.92       | 2,178        | 0.29             | 34.6      | -129.3                        |        |

**TABLE 4**  
**GROUNDWATER CHEMISTRY SUMMARY**

Former Wyeth, Carolina Facility, Puerto Rico

| Sample       |            | Total Iron  | Iron, Dissolved | Total Manganese | Manganese, Dissolved | Nitrate as N | Nitrite as N | Nitrogen, NO <sub>2</sub> + NO <sub>3</sub> | Chloride    | Sulfate     | Biological Oxygen Demand | Chemical Oxygen Demand | Total Organic Carbon | Alkalinity (as CaCO <sub>3</sub> ) | pH     | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--------------|------------|-------------|-----------------|-----------------|----------------------|--------------|--------------|---|-------------|-------------|--------------------------|------------------------|----------------------|------------------------------------|--------|-------------|--------------|------------------|-----------|-------------------------------|
|              |            | (µg/L)      | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)      | (mg/L)      | (mg/L)                   | (mg/L)                 | (mg/L)               | (mg/L)                             | (S.U.) | (°C)        | (µS/cm)      | (mg/L)           | (NTUs)    | (mV)                          |
| <b>MCL</b>   |            | <b>300*</b> | -               | <b>50*</b>      | -                    | <b>10</b>    | <b>1</b>     | -   | <b>250*</b> | <b>250*</b> | -                        | -                      | -                    | -                                  | -      | -           | -            | -                | -         | -                             |
| <b>Units</b> |            | (µg/L)      | (µg/L)          | (µg/L)          | (µg/L)               | (mg/L)       | (mg/L)       | (mg/L)                                      | (mg/L)      | (mg/L)      | (mg/L)                   | (mg/L)                 | (mg/L)               | (mg/L)                             | (S.U.) | (°C)        | (µS/cm)      | (mg/L)           | (NTUs)    | (mV)                          |
| INJ-37       | 09/18/2018 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 5.66   | 29.88       | 2,619        | 0.17             | 36.8      | -33.1                         |
|              | 09/30/2019 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 5.70   | 29.48       | 1,816        | 0.37             | 46.8      | -154.4                        |
| INJ-38       | 06/19/2017 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 12.87  | 27.7        | 1,115        | 1.80             | 3.20      | 305.1                         |
|              | 09/19/2018 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 6.36   | 30.64       | 1,395        | 0.23             | 57.8      | -82.5                         |
|              | 03/27/2019 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 6.40   | 29.69       | 1,676        | 0.08             | 12.8      | -80.1                         |
|              | 09/30/2019 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 5.36   | 29.69       | 1,767        | 0.37             | 15.3      | -126.0                        |
|              | 03/26/2020 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 6.71   | 28.60       | 1,065        | 0.29             | 2.14      | -257.3                        |
| INJ-39       | 06/21/2017 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 12.71  | 27.8        | 1,113        | 1.79             | 2.90      | 307.9                         |
|              | 09/18/2018 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 6.68   | 29.70       | 2,621        | 0.25             | 12.39     | -146.0                        |
|              | 09/27/2019 | NM          | NM              | NM              | NM                   | NM           | NM           | NM  | NM          | NM          | NM                       | NM                     | NM                   | NM                                 | 5.78   | 29.53       | 2,457        | 0.27             | 12.50     | -137.1                        |

## Notes:

mV - millivolts

\* - secondary MCL (SMCL)

µg/L - micrograms per liter

mg/L - milligrams per liter

S.U. - standard units

°C - degrees Celsius

µS/cm - microsiemens per centimeter

NTUs - nephelometric turbidity units

U - Indicates the compound was analyzed for but not detected at a concentration greater than the shown MDL.

I - The reported value is between the laboratory MDL and the laboratory practical quantitation limit (PQL).

J - Calibration result was outside the acceptable criteria for standard range

Thick solid line indicates injection event took place in the area of the specified well between sampling events

MDL - Method Detection Limit

NM - Not Measured

**Bold** denotes a detection above laboratory method detection limit.

Shaded - Concentration is greater than MCL

MCL - Federal Maximum Contaminant Level from <http://water.epa.gov/drink/contaminants/index.cfm#List> as of October 11, 2010.

**TABLE 5**  
**PERFORMANCE MONITORING PLAN**

**Former Wyeth, Carolina Facility, Puerto Rico**

| Sample ID   | Screened Interval | Select CVOCs | pH    | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|---|-------------------|--------------|-------|-------------|--------------|------------------|-----------|-------------------------------|
| EPA Method  | (feet)            | 8260         | Field | Field       | Field        | Field            | Field     | Field                         |
| <b>Semi-Annual Groundwater Monitoring (March 2019 and March 2020)</b> |                   |              |       |             |              |                  |           |                               |
| MW-02S  | 29.9 - 39.9       | X            | X     | X           | X            | X                | X         | X                             |
| MW-02D  | 77.2 - 87.2       | X            | X     | X           | X            | X                | X         | X                             |
| MW-07S  | 28 - 38           | X            | X     | X           | X            | X                | X         | X                             |
| MW-16S  | 38 - 48           | X            | X     | X           | X            | X                | X         | X                             |
| MW-17S  | 40 - 50           | X            | X     | X           | X            | X                | X         | X                             |
| MW-18S  | 50 - 60           | X            | X     | X           | X            | X                | X         | X                             |
| MW-20S  | 40 - 50           | X            | X     | X           | X            | X                | X         | X                             |
| MW-21S  | 37 - 47           | X            | X     | X           | X            | X                | X         | X                             |
| INJ-6   | 40 - 50           | X            | X     | X           | X            | X                | X         | X                             |
| INJ-23  | 42.5 - 49.5       | X            | X     | X           | X            | X                | X         | X                             |
| INJ-24  | 41 - 51           | X            | X     | X           | X            | X                | X         | X                             |
| INJ-38  | 37.1 - 47.1       | X            | X     | X           | X            | X                | X         | X                             |

**TABLE 5**  
**PERFORMANCE MONITORING PLAN**

**Former Wyeth, Carolina Facility, Puerto Rico**

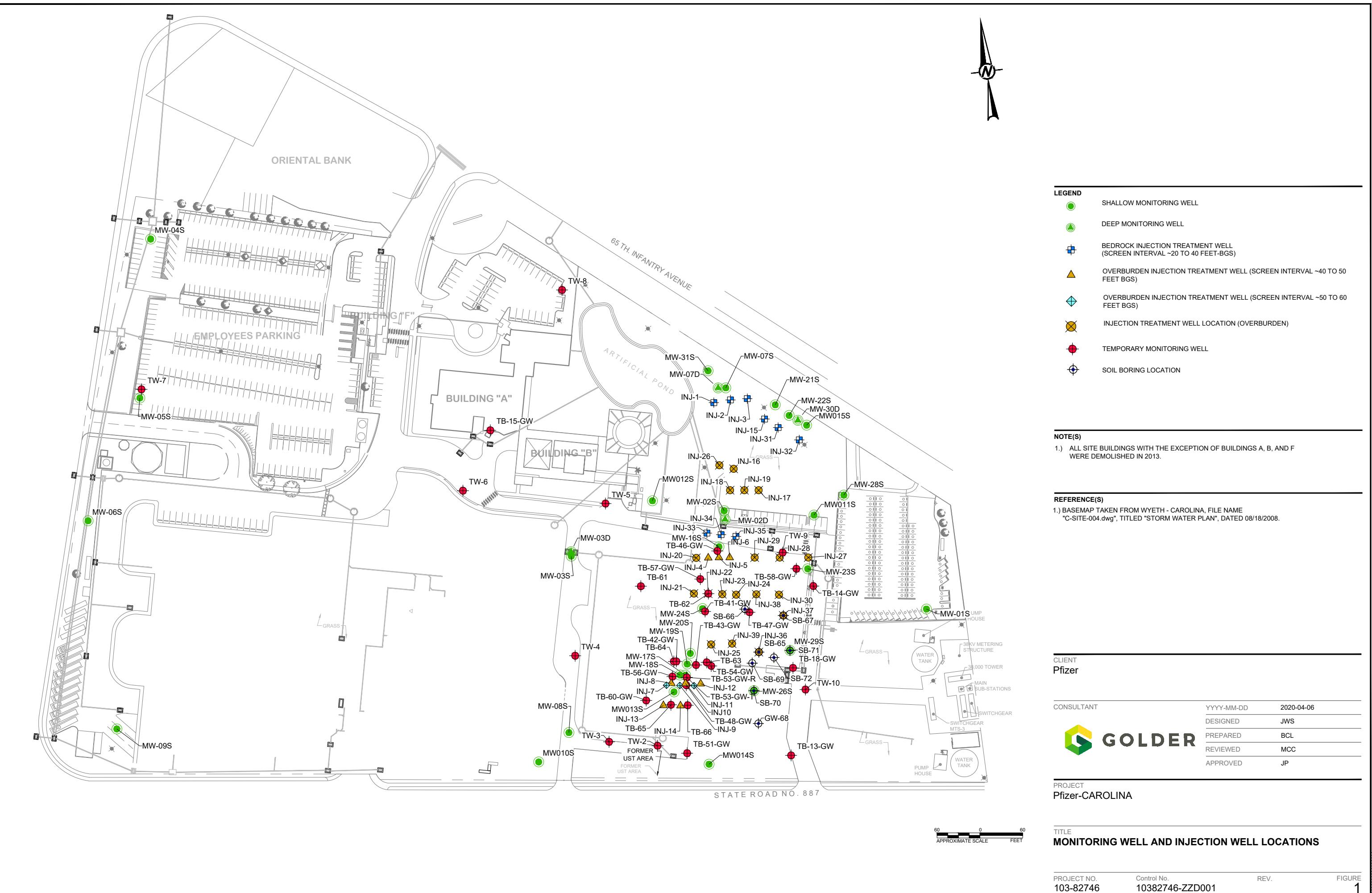
| Sample ID  | Screened Interval | Select CVOCs | pH    | Temperature | Conductivity | Dissolved Oxygen | Turbidity | Oxidation Reduction Potential |
|--|-------------------|--------------|-------|-------------|--------------|------------------|-----------|-------------------------------|
| EPA Method   | (feet)            | 8260         | Field | Field       | Field        | Field            | Field     | Field                         |
| <b>Annual Groundwater Monitoring (September 2019 and September 2020)</b> |                   |              |       |             |              |                  |           |                               |
| MW-02S   | 29.9 - 39.9       | X            | X     | X           | X            | X                | X         | X                             |
| MW-02D   | 77.2 - 87.2       | X            | X     | X           | X            | X                | X         | X                             |
| MW-07S   | 28 - 38           | X            | X     | X           | X            | X                | X         | X                             |
| MW-07D   | 88 - 98           | X            | X     | X           | X            | X                | X         | X                             |
| MW-11S   | 30 - 40           | X            | X     | X           | X            | X                | X         | X                             |
| MW-13S   | 30 - 40           | X            | X     | X           | X            | X                | X         | X                             |
| MW-16S   | 38 - 48           | X            | X     | X           | X            | X                | X         | X                             |
| MW-17S   | 40 - 50           | X            | X     | X           | X            | X                | X         | X                             |
| MW-18S   | 50 - 60           | X            | X     | X           | X            | X                | X         | X                             |
| MW-20S   | 40 - 50           | X            | X     | X           | X            | X                | X         | X                             |
| MW-21S   | 37 - 47           | X            | X     | X           | X            | X                | X         | X                             |
| MW-23S   | 33 - 43           | X            | X     | X           | X            | X                | X         | X                             |
| MW-26S   | 37.4 - 47.4       | X            | X     | X           | X            | X                | X         | X                             |
| MW-28S   | 50 - 60           | X            | X     | X           | X            | X                | X         | X                             |
| INJ-3  | 19 - 40           | X            | X     | X           | X            | X                | X         | X                             |
| INJ-6  | 40 - 50           | X            | X     | X           | X            | X                | X         | X                             |
| INJ-23   | 42.5 - 49.5       | X            | X     | X           | X            | X                | X         | X                             |
| INJ-24   | 41 - 51           | X            | X     | X           | X            | X                | X         | X                             |
| INJ-29   | 26.5 - 36.5       | X            | X     | X           | X            | X                | X         | X                             |
| INJ-30   | 32.5 - 42.5       | X            | X     | X           | X            | X                | X         | X                             |
| INJ-36   | 30.8 - 40.8       | X            | X     | X           | X            | X                | X         | X                             |
| INJ-37   | 32.9 - 42.9       | X            | X     | X           | X            | X                | X         | X                             |
| INJ-38   | 37.1 - 47.1       | X            | X     | X           | X            | X                | X         | X                             |
| INJ-39   | 36.3 - 46.3       | X            | X     | X           | X            | X                | X         | X                             |

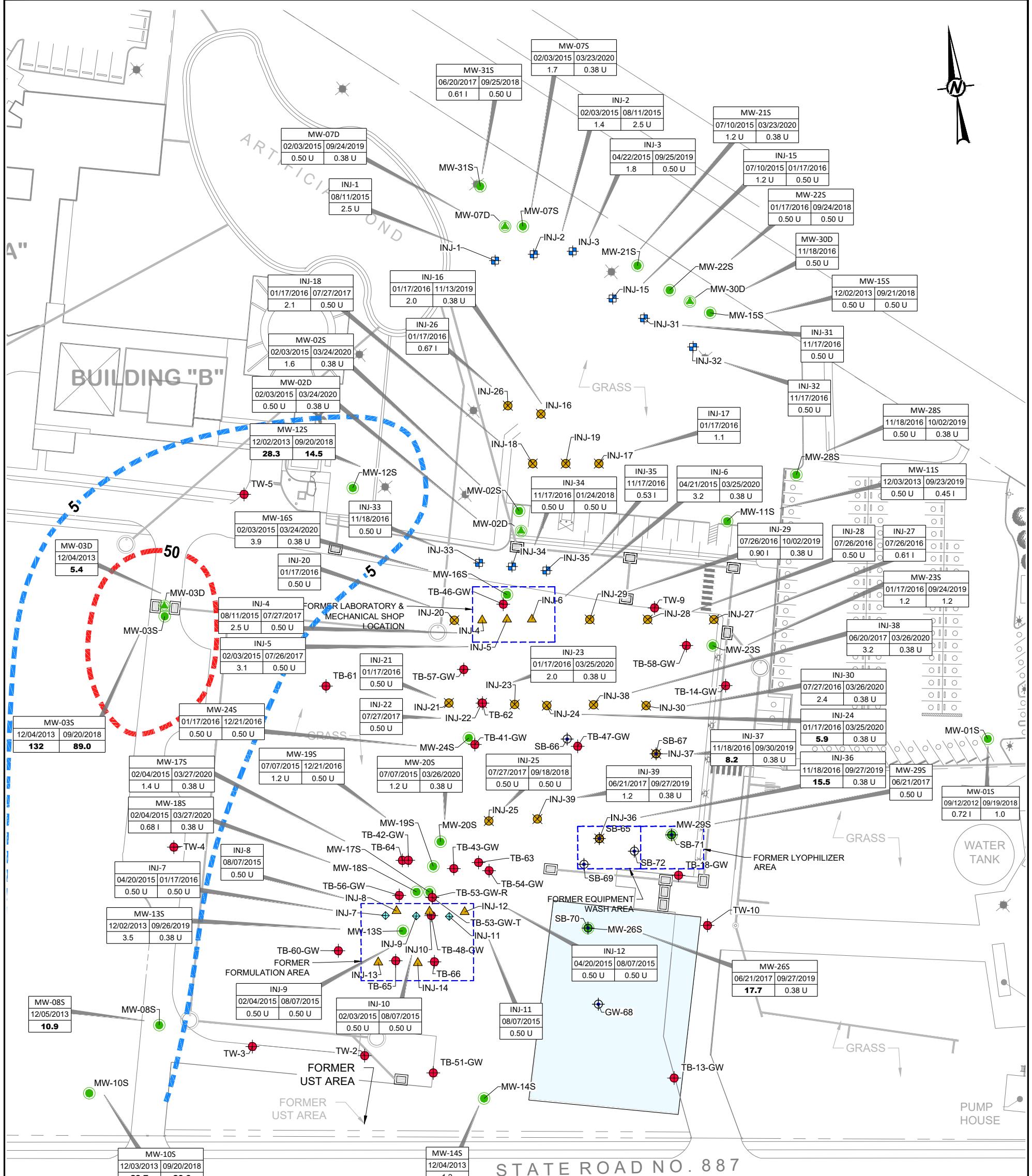
Notes:

Performance monitoring results will be reviewed during the monitoring period and the plan may be adjusted based on results to include additional sampling and additional constituents.

X - Parameter measured or analyzed  
-- - not sampled or analyzed  
CVOCs - chlorinated volatile organic compounds

## FIGURES





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LEGENDE

- | LEGEND | SHALLOW MONITORING WELL  | INJ-7<br>1/17/16<br>5 | WELL ID No.<br>DATE SAMPLED<br>PCE IN MICROGRAMS PER LITER ( $\mu\text{g/L}$ ) |
|--------|--|-----------------------|--|
|        | DEEP MONITORING WELL   |                       |  |
|        | BEDROCK INJECTION TREATMENT WELL<br>(SCREEN INTERVAL ~20 TO 40 FEET-BGS) |                       |  |
|        | OVERBURDEN INJECTION TREATMENT WELL (SCREEN INTERVAL ~40 TO 50 FEET BGS) |                       |  |
|        | OVERBURDEN INJECTION TREATMENT WELL (SCREEN INTERVAL ~50 TO 60 FEET BGS) |                       |  |
|        | INJECTION TREATMENT WELL LOCATION (OVERBURDEN)                           |                       |  |
|        | TEMPORARY MONITORING WELL  | > 5 $\mu\text{g/L}$   |  |
|        | SOIL BORING LOCATION   | > 50 $\mu\text{g/L}$  | POST-INJECTION ISOCONTOURS   |

---

**NOTE(2)**

- NOTE(S)**

  1. ALL SITE BUILDINGS WITH THE EXCEPTION OF BUILDINGS A, B, AND F WERE DEMOLISHED IN 2013.
  2. U - INDICATES THAT THE COMPOUND WAS ANALYZED FOR BUT NOT DETECTED
  3. I- REPORTED VALUE IS BETWEEN THE LABORATORY METHOD DETECTION LIMIT AND LABORATORY PRACTICAL QUANTITATION LIMIT

---

**REFERENCE(S)**

- REFERENCE(S)**

  1. BASEMAP TAKEN FROM WYETH - CAROLINA, FILE NAME "C-SITE-004.dwg", TITLED "STORM WATER PLAN", DATED 08/18/2008.

---

CLIENT

100

Digitized by srujanika@gmail.com

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## PROJECT

**TITLE**  
**GROUNDWATER ANALYTICAL SUMMARY FOR PCE  
(w/POST-INJECTION ISOCONTOURS)**

A horizontal scale bar with tick marks at 30, 0, and 30. The word "APPROXIMATE SCALE" is written below it, followed by "FEET".



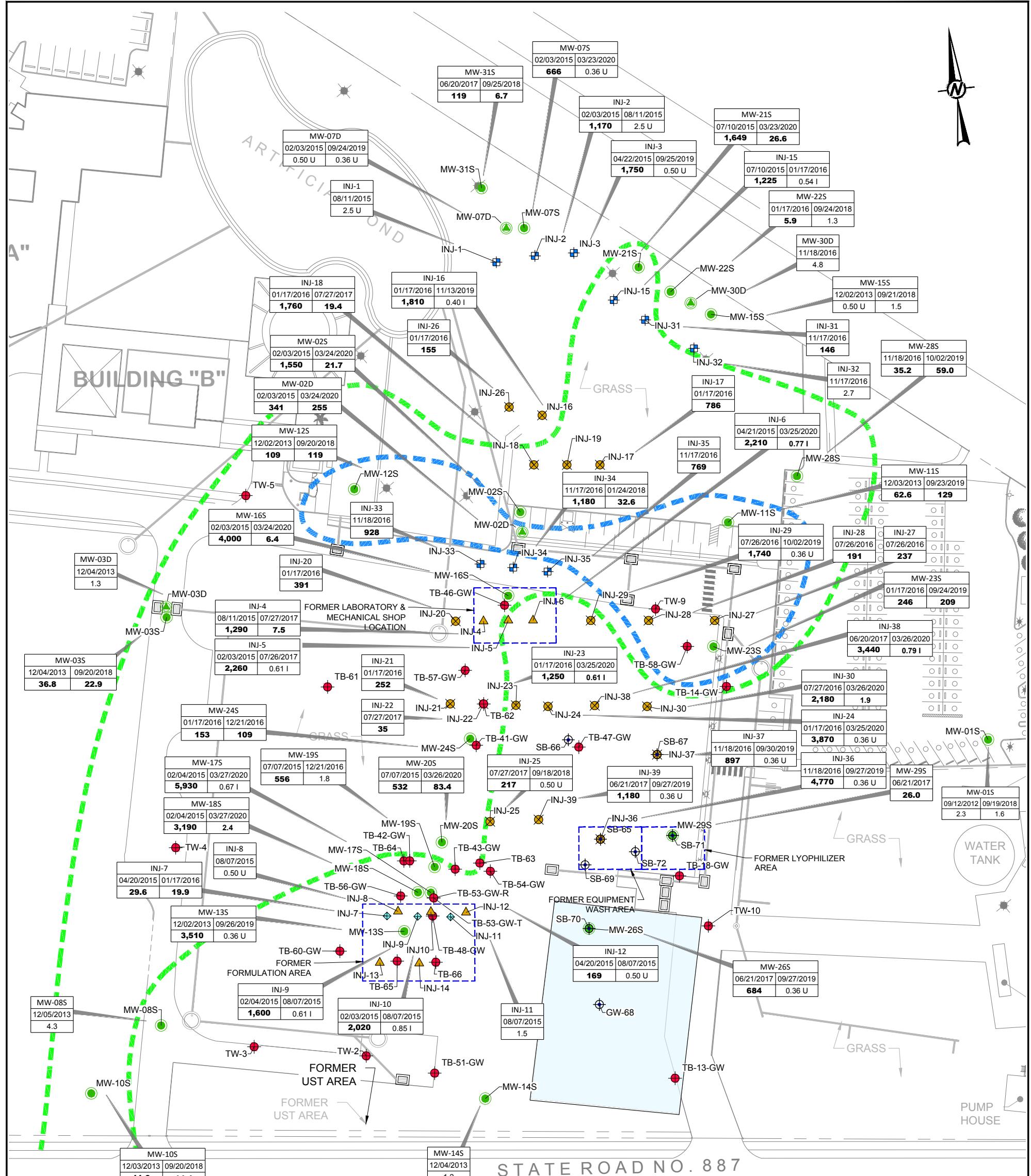
(MARCH 2020)

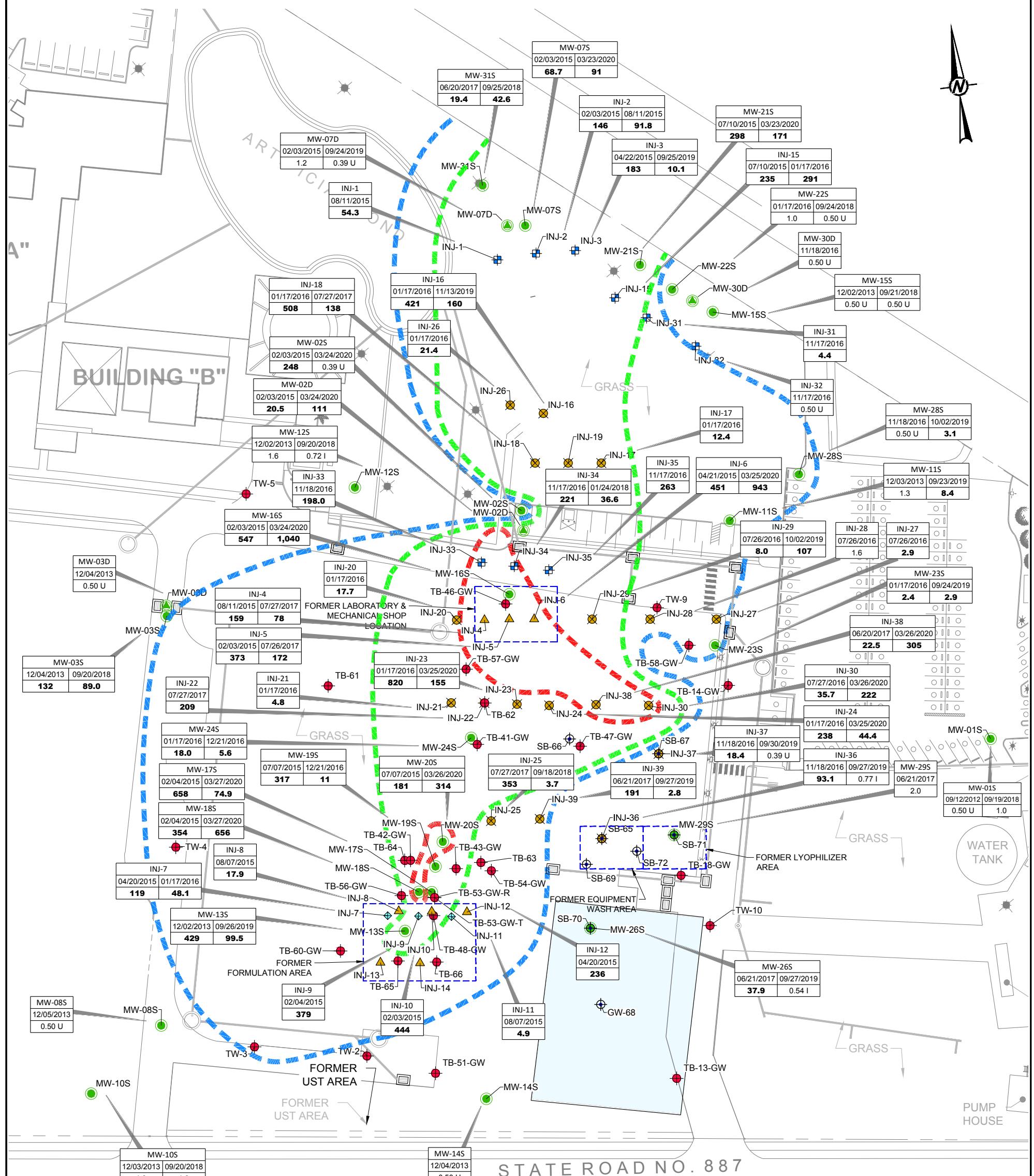
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REV

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**FIGURE**  
**2**





**ATTACHMENT A**

## Laboratory Analytical Report

April 21, 2020

Mr. Matt Crews, PE  
Golder Associates, Inc.  
9428 Baymeadows Road  
Suite 400  
Jacksonville, FL 32256

RE: Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

Dear Mr. Crews, PE:

Enclosed are the analytical results for sample(s) received by the laboratory on March 31, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:  
• Pace Analytical Services - Ormond Beach

Final report issued 04/21/2020 supersedes all other versions. The report is being reissued to update the sample ID for 35540438001, per client request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Todd Rea  
todd.rea@pacelabs.com  
(904) 903-7948  
Project Manager

Enclosures

cc: Jax\_Labdata, Golder Associates, Inc.



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

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### Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174  
Alaska DEC- CS/UST/LUST  
Alabama Certification #: 41320  
Arizona Certification# AZ0819  
Colorado Certification: FL NELAC Reciprocity  
Connecticut Certification #: PH-0216  
Delaware Certification: FL NELAC Reciprocity  
Florida Certification #: E83079  
Georgia Certification #: 955  
Guam Certification: FL NELAC Reciprocity  
Hawaii Certification: FL NELAC Reciprocity  
Illinois Certification #: 200068  
Indiana Certification: FL NELAC Reciprocity  
Kansas Certification #: E-10383  
Kentucky Certification #: 90050  
Louisiana Certification #: FL NELAC Reciprocity  
Louisiana Environmental Certificate #: 05007  
Maryland Certification: #346  
Michigan Certification #: 9911  
Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236  
Montana Certification #: Cert 0074  
Nebraska Certification: NE-OS-28-14  
New Hampshire Certification #: 2958  
New Jersey Certification #: FL022  
New York Certification #: 11608  
North Carolina Environmental Certificate #: 667  
North Carolina Certification #: 12710  
North Dakota Certification #: R-216  
Oklahoma Certification #: D9947  
Pennsylvania Certification #: 68-00547  
Puerto Rico Certification #: FL01264  
South Carolina Certification: #96042001  
Tennessee Certification #: TN02974  
Texas Certification: FL NELAC Reciprocity  
US Virgin Islands Certification: FL NELAC Reciprocity  
Virginia Environmental Certification #: 460165  
West Virginia Certification #: 9962C  
Wisconsin Certification #: 399079670  
Wyoming (EPA Region 8): FL NELAC Reciprocity

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

| Lab ID      | Sample ID               | Matrix | Date Collected | Date Received  |
|-------------|-------------------------|--------|----------------|----------------|
| 35540438001 | <b>MW-7S</b>            | Water  | 03/23/20 13:50 | 03/31/20 10:20 |
| 35540438002 | <b>MW-21S</b>           | Water  | 03/23/20 14:50 | 03/31/20 10:20 |
| 35540438003 | <b>MW-2S</b>            | Water  | 03/24/20 08:40 | 03/31/20 10:20 |
| 35540438004 | <b>MW-2D</b>            | Water  | 03/24/20 11:06 | 03/31/20 10:20 |
| 35540438005 | <b>MW-16S</b>           | Water  | 03/24/20 14:00 | 03/31/20 10:20 |
| 35540438006 | <b>INJ-6</b>            | Water  | 03/25/20 09:00 | 03/31/20 10:20 |
| 35540438007 | <b>INJ-23</b>           | Water  | 03/25/20 10:40 | 03/31/20 10:20 |
| 35540438008 | <b>INJ-24</b>           | Water  | 03/25/20 13:55 | 03/31/20 10:20 |
| 35540438009 | <b>INJ-38</b>           | Water  | 03/26/20 08:50 | 03/31/20 10:20 |
| 35540438010 | <b>INJ-30</b>           | Water  | 03/26/20 10:00 | 03/31/20 10:20 |
| 35540438011 | <b>MW-20S</b>           | Water  | 03/26/20 13:55 | 03/31/20 10:20 |
| 35540438012 | <b>MW-17S</b>           | Water  | 03/27/20 13:55 | 03/31/20 10:20 |
| 35540438014 | <b>MW-18S</b>           | Water  | 03/27/20 13:00 | 03/31/20 10:20 |
| 35540438015 | <b>Composite Sample</b> | Water  | 03/30/20 12:00 | 03/31/20 10:20 |

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

| Lab ID      | Sample ID        | Method   | Analysts | Analytes Reported | Laboratory |
|-------------|------------------|----------|----------|-------------------|------------|
| 35540438001 | MW-7S            | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438002 | MW-21S           | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438003 | MW-2S            | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438004 | MW-2D            | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438005 | MW-16S           | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438006 | INJ-6            | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438007 | INJ-23           | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438008 | INJ-24           | EPA 8260 | CLT      | 34                | PASI-O     |
| 35540438009 | INJ-38           | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438010 | INJ-30           | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438011 | MW-20S           | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438012 | MW-17S           | EPA 8260 | CLT      | 34                | PASI-O     |
| 35540438014 | MW-18S           | EPA 8260 | CLT, SK1 | 34                | PASI-O     |
| 35540438015 | Composite Sample | EPA 8260 | SK1      | 34                | PASI-O     |

PASI-O = Pace Analytical Services - Ormond Beach

## REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Lab Sample ID      | Client Sample ID           | Parameters | Result | Units | Report Limit   | Analyzed | Qualifiers |
|--------------------|----------------------------|------------|--------|-------|----------------|----------|------------|
| <b>35540438001</b> | <b>MW-7S</b>               |            |        |       |                |          |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 482        | ug/L   | 10.0  | 04/01/20 23:06 | N2       |            |
| EPA 8260           | 1,1-Dichloroethene         | 1.5        | ug/L   | 1.0   | 04/01/20 00:53 |          |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 423        | ug/L   | 10.0  | 04/01/20 23:06 |          |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 58.9       | ug/L   | 1.0   | 04/01/20 00:53 |          |            |
| EPA 8260           | Vinyl chloride             | 91.2       | ug/L   | 1.0   | 04/01/20 00:53 |          |            |
| <b>35540438002</b> | <b>MW-21S</b>              |            |        |       |                |          |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 845        | ug/L   | 10.0  | 04/01/20 23:31 | N2       |            |
| EPA 8260           | 1,1-Dichloroethene         | 2.5        | ug/L   | 1.0   | 04/01/20 01:42 |          |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 755        | ug/L   | 10.0  | 04/01/20 23:31 | J(M1)    |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 90.0       | ug/L   | 1.0   | 04/01/20 01:42 | J(M1)    |            |
| EPA 8260           | Trichloroethene            | 26.6       | ug/L   | 1.0   | 04/01/20 01:42 |          |            |
| EPA 8260           | Vinyl chloride             | 171        | ug/L   | 1.0   | 04/01/20 01:42 | J(M1)    |            |
| <b>35540438003</b> | <b>MW-2S</b>               |            |        |       |                |          |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 965        | ug/L   | 10.0  | 04/01/20 23:55 | N2       |            |
| EPA 8260           | 1,1-Dichloroethene         | 2.7        | ug/L   | 1.0   | 04/01/20 02:07 |          |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 833        | ug/L   | 10.0  | 04/01/20 23:55 |          |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 132        | ug/L   | 1.0   | 04/01/20 02:07 |          |            |
| EPA 8260           | Trichloroethene            | 21.7       | ug/L   | 1.0   | 04/01/20 02:07 |          |            |
| <b>35540438004</b> | <b>MW-2D</b>               |            |        |       |                |          |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 786        | ug/L   | 10.0  | 04/02/20 00:20 | N2       |            |
| EPA 8260           | 1,1-Dichloroethene         | 4.4        | ug/L   | 1.0   | 04/01/20 02:31 |          |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 767        | ug/L   | 10.0  | 04/02/20 00:20 |          |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 18.9       | ug/L   | 1.0   | 04/01/20 02:31 |          |            |
| EPA 8260           | Trichloroethene            | 255        | ug/L   | 10.0  | 04/02/20 00:20 |          |            |
| EPA 8260           | Vinyl chloride             | 111        | ug/L   | 1.0   | 04/01/20 02:31 |          |            |
| <b>35540438005</b> | <b>MW-16S</b>              |            |        |       |                |          |            |
| EPA 8260           | Chloroethane               | 4.1 I      | ug/L   | 10.0  | 04/01/20 02:56 |          |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 1360       | ug/L   | 25.0  | 04/02/20 00:44 | N2       |            |
| EPA 8260           | 1,1-Dichloroethene         | 5.4        | ug/L   | 1.0   | 04/01/20 02:56 |          |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 1120       | ug/L   | 25.0  | 04/02/20 00:44 |          |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 233        | ug/L   | 25.0  | 04/02/20 00:44 |          |            |
| EPA 8260           | Trichloroethene            | 6.4        | ug/L   | 1.0   | 04/01/20 02:56 |          |            |
| EPA 8260           | Vinyl chloride             | 1040       | ug/L   | 25.0  | 04/02/20 00:44 |          |            |
| <b>35540438006</b> | <b>INJ-6</b>               |            |        |       |                |          |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 1940       | ug/L   | 25.0  | 04/02/20 01:09 | N2       |            |
| EPA 8260           | 1,1-Dichloroethene         | 6.7        | ug/L   | 1.0   | 04/01/20 03:21 |          |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 1800       | ug/L   | 25.0  | 04/02/20 01:09 |          |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 139        | ug/L   | 1.0   | 04/01/20 03:21 |          |            |
| EPA 8260           | Trichloroethene            | 0.77 I     | ug/L   | 1.0   | 04/01/20 03:21 |          |            |
| EPA 8260           | Vinyl chloride             | 943        | ug/L   | 25.0  | 04/02/20 01:09 |          |            |
| <b>35540438007</b> | <b>INJ-23</b>              |            |        |       |                |          |            |
| EPA 8260           | Chloroethane               | 5.4 I      | ug/L   | 10.0  | 04/01/20 03:46 |          |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 250        | ug/L   | 10.0  | 04/02/20 01:33 | N2       |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 234        | ug/L   | 10.0  | 04/02/20 01:33 |          |            |

## REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Lab Sample ID      | Client Sample ID           |        |       |              |                |            |
|--------------------|----------------------------|--------|-------|--------------|----------------|------------|
| Method             | Parameters                 | Result | Units | Report Limit | Analyzed       | Qualifiers |
| <b>35540438007</b> | <b>INJ-23</b>              |        |       |              |                |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 16.4   | ug/L  | 1.0          | 04/01/20 03:46 |            |
| EPA 8260           | Trichloroethene            | 0.61 I | ug/L  | 1.0          | 04/01/20 03:46 |            |
| EPA 8260           | Vinyl chloride             | 155    | ug/L  | 1.0          | 04/01/20 03:46 |            |
| <b>35540438008</b> | <b>INJ-24</b>              |        |       |              |                |            |
| EPA 8260           | Chloroethane               | 6.2 I  | ug/L  | 10.0         | 04/01/20 04:11 |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 105    | ug/L  | 1.0          | 04/01/20 04:11 | N2         |
| EPA 8260           | cis-1,2-Dichloroethene     | 89.9   | ug/L  | 1.0          | 04/01/20 04:11 |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 15.5   | ug/L  | 1.0          | 04/01/20 04:11 |            |
| EPA 8260           | Vinyl chloride             | 44.4   | ug/L  | 1.0          | 04/01/20 04:11 |            |
| <b>35540438009</b> | <b>INJ-38</b>              |        |       |              |                |            |
| EPA 8260           | Chloroethane               | 29.6   | ug/L  | 10.0         | 04/01/20 04:36 |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 440    | ug/L  | 10.0         | 04/02/20 01:58 | N2         |
| EPA 8260           | cis-1,2-Dichloroethene     | 426    | ug/L  | 10.0         | 04/02/20 01:58 |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 14.3   | ug/L  | 1.0          | 04/01/20 04:36 |            |
| EPA 8260           | Trichloroethene            | 0.79 I | ug/L  | 1.0          | 04/01/20 04:36 |            |
| EPA 8260           | Vinyl chloride             | 305    | ug/L  | 10.0         | 04/02/20 01:58 |            |
| <b>35540438010</b> | <b>INJ-30</b>              |        |       |              |                |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 603    | ug/L  | 10.0         | 04/02/20 02:23 | N2         |
| EPA 8260           | 1,1-Dichloroethene         | 2.1    | ug/L  | 1.0          | 04/01/20 05:00 |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 570    | ug/L  | 10.0         | 04/02/20 02:23 |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 32.2   | ug/L  | 1.0          | 04/01/20 05:00 |            |
| EPA 8260           | Trichloroethene            | 1.9    | ug/L  | 1.0          | 04/01/20 05:00 |            |
| EPA 8260           | Vinyl chloride             | 222    | ug/L  | 10.0         | 04/02/20 02:23 |            |
| <b>35540438011</b> | <b>MW-20S</b>              |        |       |              |                |            |
| EPA 8260           | Chloroethane               | 25.5   | ug/L  | 10.0         | 04/01/20 05:25 |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 808    | ug/L  | 10.0         | 04/02/20 02:48 | N2         |
| EPA 8260           | 1,1-Dichloroethene         | 3.7    | ug/L  | 1.0          | 04/01/20 05:25 |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 718    | ug/L  | 10.0         | 04/02/20 02:48 |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 89.4   | ug/L  | 1.0          | 04/01/20 05:25 |            |
| EPA 8260           | Trichloroethene            | 83.4   | ug/L  | 1.0          | 04/01/20 05:25 |            |
| EPA 8260           | Vinyl chloride             | 314    | ug/L  | 10.0         | 04/02/20 02:48 |            |
| <b>35540438012</b> | <b>MW-17S</b>              |        |       |              |                |            |
| EPA 8260           | Chloroethane               | 5.9 I  | ug/L  | 10.0         | 04/01/20 05:50 |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 148    | ug/L  | 1.0          | 04/01/20 05:50 | N2         |
| EPA 8260           | cis-1,2-Dichloroethene     | 83.6   | ug/L  | 1.0          | 04/01/20 05:50 |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 64.8   | ug/L  | 1.0          | 04/01/20 05:50 |            |
| EPA 8260           | Trichloroethene            | 0.67 I | ug/L  | 1.0          | 04/01/20 05:50 |            |
| EPA 8260           | Vinyl chloride             | 74.9   | ug/L  | 1.0          | 04/01/20 05:50 |            |
| <b>35540438014</b> | <b>MW-18S</b>              |        |       |              |                |            |
| EPA 8260           | Chloroethane               | 31.1   | ug/L  | 10.0         | 04/01/20 06:14 |            |
| EPA 8260           | 1,2-Dichloroethene (Total) | 424    | ug/L  | 10.0         | 04/02/20 03:12 | N2         |
| EPA 8260           | 1,1-Dichloroethene         | 0.96 I | ug/L  | 1.0          | 04/01/20 06:14 |            |
| EPA 8260           | cis-1,2-Dichloroethene     | 252    | ug/L  | 10.0         | 04/02/20 03:12 |            |
| EPA 8260           | trans-1,2-Dichloroethene   | 172    | ug/L  | 1.0          | 04/01/20 06:14 |            |

## REPORT OF LABORATORY ANALYSIS

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## SUMMARY OF DETECTION

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

| Lab Sample ID      | Client Sample ID           | Parameters | Result | Units | Report Limit | Analyzed       | Qualifiers |
|--------------------|----------------------------|------------|--------|-------|--------------|----------------|------------|
| <b>35540438014</b> | <b>MW-18S</b>              |            |        |       |              |                |            |
| EPA 8260           | Trichloroethene            |            | 2.4    | ug/L  | 1.0          | 04/01/20 06:14 |            |
| EPA 8260           | Vinyl chloride             |            | 656    | ug/L  | 10.0         | 04/02/20 03:12 |            |
| <b>35540438015</b> | <b>Composite Sample</b>    |            |        |       |              |                |            |
| EPA 8260           | 1,2-Dichloroethene (Total) |            | 0.62 I | ug/L  | 1.0          | 04/02/20 00:04 | N2         |
| EPA 8260           | cis-1,2-Dichloroethene     |            | 0.62 I | ug/L  | 1.0          | 04/02/20 00:04 |            |

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: MW-7S              | Lab ID: 35540438001                     | Collected: 03/23/20 13:50 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | 0.19 U                                  | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 00:53 | 75-27-4    |       |
| Bromoform                  | 2.6 U                                   | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 00:53 | 75-25-2    | J(v2) |
| Bromomethane               | 4.0 U                                   | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 00:53 | 74-83-9    |       |
| Carbon tetrachloride       | 1.1 U                                   | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 00:53 | 56-23-5    |       |
| Chlorobenzene              | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 00:53 | 108-90-7   |       |
| Chloroethane               | 3.7 U                                   | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 00:53 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | 1.4 U                                   | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 00:53 | 110-75-8   | c2    |
| Chloroform                 | 0.32 U                                  | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 00:53 | 67-66-3    |       |
| Chloromethane              | 0.97 U                                  | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 00:53 | 74-87-3    | J(v2) |
| Dibromochloromethane       | 0.45 U                                  | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 00:53 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | 0.29 U                                  | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 00:53 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | 0.33 U                                  | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 00:53 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | 0.28 U                                  | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 00:53 | 106-46-7   |       |
| Dichlorodifluoromethane    | 0.26 U                                  | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 00:53 | 75-71-8    |       |
| 1,1-Dichloroethane         | 0.34 U                                  | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 00:53 | 75-34-3    |       |
| 1,2-Dichloroethane         | 0.27 U                                  | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 00:53 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | 482                                     | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/01/20 23:06 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | 1.5                                     | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 00:53 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | 423                                     | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/01/20 23:06 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | 58.9                                    | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 00:53 | 156-60-5   |       |
| 1,2-Dichloropropane        | 0.23 U                                  | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 00:53 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 00:53 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 00:53 | 10061-02-6 |       |
| Methylene Chloride         | 2.0 U                                   | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 00:53 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | 0.20 U                                  | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 00:53 | 79-34-5    |       |
| Tetrachloroethene          | 0.38 U                                  | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 00:53 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 00:53 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 00:53 | 79-00-5    |       |
| Trichloroethene            | 0.36 U                                  | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 00:53 | 79-01-6    |       |
| Trichlorofluoromethane     | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 00:53 | 75-69-4    |       |
| Vinyl chloride             | 91.2                                    | ug/L                      | 1.0                      | 0.39          | 1  |          | 04/01/20 00:53 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 91                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 00:53 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 105                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 00:53 | 17060-07-0 |       |
| Toluene-d8 (S)             | 99                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 00:53 | 2037-26-5  |       |

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: MW-21S             | Lab ID: 35540438002                     | Collected: 03/23/20 14:50 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |           |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-----------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual      |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |           |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |           |
| Bromodichloromethane       | <b>0.19</b> U                           | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 01:42 | 75-27-4    |           |
| Bromoform                  | <b>2.6</b> U                            | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 01:42 | 75-25-2    | J(v2)     |
| Bromomethane               | <b>4.0</b> U                            | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 01:42 | 74-83-9    |           |
| Carbon tetrachloride       | <b>1.1</b> U                            | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 01:42 | 56-23-5    |           |
| Chlorobenzene              | <b>0.35</b> U                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 01:42 | 108-90-7   |           |
| Chloroethane               | <b>3.7</b> U                            | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 01:42 | 75-00-3    |           |
| 2-Chloroethylvinyl ether   | <b>1.4</b> U                            | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 01:42 | 110-75-8   | J(M1), c2 |
| Chloroform                 | <b>0.32</b> U                           | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 01:42 | 67-66-3    |           |
| Chloromethane              | <b>0.97</b> U                           | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 01:42 | 74-87-3    | J(v2)     |
| Dibromochloromethane       | <b>0.45</b> U                           | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 01:42 | 124-48-1   |           |
| 1,2-Dichlorobenzene        | <b>0.29</b> U                           | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 01:42 | 95-50-1    |           |
| 1,3-Dichlorobenzene        | <b>0.33</b> U                           | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 01:42 | 541-73-1   |           |
| 1,4-Dichlorobenzene        | <b>0.28</b> U                           | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 01:42 | 106-46-7   |           |
| Dichlorodifluoromethane    | <b>0.26</b> U                           | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 01:42 | 75-71-8    |           |
| 1,1-Dichloroethane         | <b>0.34</b> U                           | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 01:42 | 75-34-3    |           |
| 1,2-Dichloroethane         | <b>0.27</b> U                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 01:42 | 107-06-2   |           |
| 1,2-Dichloroethene (Total) | <b>845</b>                              | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/01/20 23:31 | 540-59-0   | N2        |
| 1,1-Dichloroethene         | <b>2.5</b>                              | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 01:42 | 75-35-4    |           |
| cis-1,2-Dichloroethene     | <b>755</b>                              | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/01/20 23:31 | 156-59-2   | J(M1)     |
| trans-1,2-Dichloroethene   | <b>90.0</b>                             | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 01:42 | 156-60-5   | J(M1)     |
| 1,2-Dichloropropane        | <b>0.23</b> U                           | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 01:42 | 78-87-5    |           |
| cis-1,3-Dichloropropene    | <b>0.17</b> U                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 01:42 | 10061-01-5 |           |
| trans-1,3-Dichloropropene  | <b>0.17</b> U                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 01:42 | 10061-02-6 |           |
| Methylene Chloride         | <b>2.0</b> U                            | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 01:42 | 75-09-2    |           |
| 1,1,2,2-Tetrachloroethane  | <b>0.20</b> U                           | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 01:42 | 79-34-5    |           |
| Tetrachloroethene          | <b>0.38</b> U                           | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 01:42 | 127-18-4   |           |
| 1,1,1-Trichloroethane      | <b>0.30</b> U                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 01:42 | 71-55-6    |           |
| 1,1,2-Trichloroethane      | <b>0.30</b> U                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 01:42 | 79-00-5    |           |
| Trichloroethene            | <b>26.6</b>                             | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 01:42 | 79-01-6    |           |
| Trichlorofluoromethane     | <b>0.35</b> U                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 01:42 | 75-69-4    |           |
| Vinyl chloride             | <b>171</b>                              | ug/L                      | 1.0                      | 0.39          | 1  |          | 04/01/20 01:42 | 75-01-4    | J(M1)     |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |           |
| 4-Bromofluorobenzene (S)   | 92                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 01:42 | 460-00-4   |           |
| 1,2-Dichloroethane-d4 (S)  | 106                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 01:42 | 17060-07-0 |           |
| Toluene-d8 (S)             | 100                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 01:42 | 2037-26-5  |           |

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: MW-2S              | Lab ID: 35540438003                     | Collected: 03/24/20 08:40 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | 0.19 U                                  | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 02:07 | 75-27-4    |       |
| Bromoform                  | 2.6 U                                   | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 02:07 | 75-25-2    | J(v2) |
| Bromomethane               | 4.0 U                                   | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 02:07 | 74-83-9    |       |
| Carbon tetrachloride       | 1.1 U                                   | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 02:07 | 56-23-5    |       |
| Chlorobenzene              | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 02:07 | 108-90-7   |       |
| Chloroethane               | 3.7 U                                   | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 02:07 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | 1.4 U                                   | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 02:07 | 110-75-8   | c2    |
| Chloroform                 | 0.32 U                                  | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 02:07 | 67-66-3    |       |
| Chloromethane              | 0.97 U                                  | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 02:07 | 74-87-3    | J(v2) |
| Dibromochloromethane       | 0.45 U                                  | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 02:07 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | 0.29 U                                  | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 02:07 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | 0.33 U                                  | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 02:07 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | 0.28 U                                  | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 02:07 | 106-46-7   |       |
| Dichlorodifluoromethane    | 0.26 U                                  | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 02:07 | 75-71-8    |       |
| 1,1-Dichloroethane         | 0.34 U                                  | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 02:07 | 75-34-3    |       |
| 1,2-Dichloroethane         | 0.27 U                                  | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 02:07 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | 965                                     | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/01/20 23:55 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | 2.7                                     | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 02:07 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | 833                                     | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/01/20 23:55 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | 132                                     | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 02:07 | 156-60-5   |       |
| 1,2-Dichloropropane        | 0.23 U                                  | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 02:07 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 02:07 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 02:07 | 10061-02-6 |       |
| Methylene Chloride         | 2.0 U                                   | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 02:07 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | 0.20 U                                  | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 02:07 | 79-34-5    |       |
| Tetrachloroethene          | 0.38 U                                  | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 02:07 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 02:07 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 02:07 | 79-00-5    |       |
| Trichloroethene            | 21.7                                    | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 02:07 | 79-01-6    |       |
| Trichlorofluoromethane     | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 02:07 | 75-69-4    |       |
| Vinyl chloride             | 0.39 U                                  | ug/L                      | 1.0                      | 0.39          | 1  |          | 04/01/20 02:07 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 91                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 02:07 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 107                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 02:07 | 17060-07-0 |       |
| Toluene-d8 (S)             | 100                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 02:07 | 2037-26-5  |       |

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: MW-2D              | Lab ID: 35540438004                     | Collected: 03/24/20 11:06 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | 0.19 U                                  | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 02:31 | 75-27-4    |       |
| Bromoform                  | 2.6 U                                   | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 02:31 | 75-25-2    | J(v2) |
| Bromomethane               | 4.0 U                                   | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 02:31 | 74-83-9    |       |
| Carbon tetrachloride       | 1.1 U                                   | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 02:31 | 56-23-5    |       |
| Chlorobenzene              | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 02:31 | 108-90-7   |       |
| Chloroethane               | 3.7 U                                   | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 02:31 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | 1.4 U                                   | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 02:31 | 110-75-8   | c2    |
| Chloroform                 | 0.32 U                                  | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 02:31 | 67-66-3    |       |
| Chloromethane              | 0.97 U                                  | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 02:31 | 74-87-3    | J(v2) |
| Dibromochloromethane       | 0.45 U                                  | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 02:31 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | 0.29 U                                  | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 02:31 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | 0.33 U                                  | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 02:31 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | 0.28 U                                  | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 02:31 | 106-46-7   |       |
| Dichlorodifluoromethane    | 0.26 U                                  | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 02:31 | 75-71-8    |       |
| 1,1-Dichloroethane         | 0.34 U                                  | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 02:31 | 75-34-3    |       |
| 1,2-Dichloroethane         | 0.27 U                                  | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 02:31 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | 786                                     | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 00:20 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | 4.4                                     | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 02:31 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | 767                                     | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 00:20 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | 18.9                                    | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 02:31 | 156-60-5   |       |
| 1,2-Dichloropropane        | 0.23 U                                  | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 02:31 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 02:31 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 02:31 | 10061-02-6 |       |
| Methylene Chloride         | 2.0 U                                   | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 02:31 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | 0.20 U                                  | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 02:31 | 79-34-5    |       |
| Tetrachloroethene          | 0.38 U                                  | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 02:31 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 02:31 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 02:31 | 79-00-5    |       |
| Trichloroethene            | 255                                     | ug/L                      | 10.0                     | 3.6           | 10 |          | 04/02/20 00:20 | 79-01-6    |       |
| Trichlorofluoromethane     | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 02:31 | 75-69-4    |       |
| Vinyl chloride             | 111                                     | ug/L                      | 1.0                      | 0.39          | 1  |          | 04/01/20 02:31 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 90                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 02:31 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 106                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 02:31 | 17060-07-0 |       |
| Toluene-d8 (S)             | 98                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 02:31 | 2037-26-5  |       |

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: MW-16S             | Lab ID: 35540438005                     | Collected: 03/24/20 14:00 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | <b>0.19 U</b>                           | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 02:56 | 75-27-4    |       |
| Bromoform                  | <b>2.6 U</b>                            | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 02:56 | 75-25-2    | J(v2) |
| Bromomethane               | <b>4.0 U</b>                            | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 02:56 | 74-83-9    |       |
| Carbon tetrachloride       | <b>1.1 U</b>                            | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 02:56 | 56-23-5    |       |
| Chlorobenzene              | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 02:56 | 108-90-7   |       |
| Chloroethane               | <b>4.1 I</b>                            | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 02:56 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | <b>1.4 U</b>                            | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 02:56 | 110-75-8   | c2    |
| Chloroform                 | <b>0.32 U</b>                           | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 02:56 | 67-66-3    |       |
| Chloromethane              | <b>0.97 U</b>                           | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 02:56 | 74-87-3    | J(v2) |
| Dibromochloromethane       | <b>0.45 U</b>                           | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 02:56 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | <b>0.29 U</b>                           | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 02:56 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | <b>0.33 U</b>                           | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 02:56 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | <b>0.28 U</b>                           | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 02:56 | 106-46-7   |       |
| Dichlorodifluoromethane    | <b>0.26 U</b>                           | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 02:56 | 75-71-8    |       |
| 1,1-Dichloroethane         | <b>0.34 U</b>                           | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 02:56 | 75-34-3    |       |
| 1,2-Dichloroethane         | <b>0.27 U</b>                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 02:56 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | <b>1360</b>                             | ug/L                      | 25.0                     | 6.8           | 25 |          | 04/02/20 00:44 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | <b>5.4</b>                              | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 02:56 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | <b>1120</b>                             | ug/L                      | 25.0                     | 6.8           | 25 |          | 04/02/20 00:44 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | <b>233</b>                              | ug/L                      | 25.0                     | 5.8           | 25 |          | 04/02/20 00:44 | 156-60-5   |       |
| 1,2-Dichloropropane        | <b>0.23 U</b>                           | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 02:56 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 02:56 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 02:56 | 10061-02-6 |       |
| Methylene Chloride         | <b>2.0 U</b>                            | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 02:56 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | <b>0.20 U</b>                           | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 02:56 | 79-34-5    |       |
| Tetrachloroethene          | <b>0.38 U</b>                           | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 02:56 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 02:56 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 02:56 | 79-00-5    |       |
| Trichloroethene            | <b>6.4</b>                              | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 02:56 | 79-01-6    |       |
| Trichlorofluoromethane     | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 02:56 | 75-69-4    |       |
| Vinyl chloride             | <b>1040</b>                             | ug/L                      | 25.0                     | 9.8           | 25 |          | 04/02/20 00:44 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 89                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 02:56 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 105                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 02:56 | 17060-07-0 |       |
| Toluene-d8 (S)             | 97                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 02:56 | 2037-26-5  |       |

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: INJ-6              | Lab ID: 35540438006                     | Collected: 03/25/20 09:00 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | <b>0.19 U</b>                           | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 03:21 | 75-27-4    |       |
| Bromoform                  | <b>2.6 U</b>                            | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 03:21 | 75-25-2    | J(v2) |
| Bromomethane               | <b>4.0 U</b>                            | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 03:21 | 74-83-9    |       |
| Carbon tetrachloride       | <b>1.1 U</b>                            | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 03:21 | 56-23-5    |       |
| Chlorobenzene              | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 03:21 | 108-90-7   |       |
| Chloroethane               | <b>3.7 U</b>                            | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 03:21 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | <b>1.4 U</b>                            | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 03:21 | 110-75-8   | c2    |
| Chloroform                 | <b>0.32 U</b>                           | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 03:21 | 67-66-3    |       |
| Chloromethane              | <b>0.97 U</b>                           | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 03:21 | 74-87-3    | J(v2) |
| Dibromochloromethane       | <b>0.45 U</b>                           | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 03:21 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | <b>0.29 U</b>                           | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 03:21 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | <b>0.33 U</b>                           | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 03:21 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | <b>0.28 U</b>                           | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 03:21 | 106-46-7   |       |
| Dichlorodifluoromethane    | <b>0.26 U</b>                           | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 03:21 | 75-71-8    |       |
| 1,1-Dichloroethane         | <b>0.34 U</b>                           | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 03:21 | 75-34-3    |       |
| 1,2-Dichloroethane         | <b>0.27 U</b>                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 03:21 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | <b>1940</b>                             | ug/L                      | 25.0                     | 6.8           | 25 |          | 04/02/20 01:09 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | <b>6.7</b>                              | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 03:21 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | <b>1800</b>                             | ug/L                      | 25.0                     | 6.8           | 25 |          | 04/02/20 01:09 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | <b>139</b>                              | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 03:21 | 156-60-5   |       |
| 1,2-Dichloropropane        | <b>0.23 U</b>                           | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 03:21 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 03:21 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 03:21 | 10061-02-6 |       |
| Methylene Chloride         | <b>2.0 U</b>                            | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 03:21 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | <b>0.20 U</b>                           | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 03:21 | 79-34-5    |       |
| Tetrachloroethene          | <b>0.38 U</b>                           | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 03:21 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 03:21 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 03:21 | 79-00-5    |       |
| Trichloroethene            | <b>0.77 I</b>                           | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 03:21 | 79-01-6    |       |
| Trichlorofluoromethane     | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 03:21 | 75-69-4    |       |
| Vinyl chloride             | <b>943</b>                              | ug/L                      | 25.0                     | 9.8           | 25 |          | 04/02/20 01:09 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 89                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 03:21 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 104                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 03:21 | 17060-07-0 |       |
| Toluene-d8 (S)             | 96                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 03:21 | 2037-26-5  |       |

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: INJ-23             | Lab ID: 35540438007                     | Collected: 03/25/20 10:40 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | <b>0.19 U</b>                           | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 03:46 | 75-27-4    |       |
| Bromoform                  | <b>2.6 U</b>                            | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 03:46 | 75-25-2    | J(v2) |
| Bromomethane               | <b>4.0 U</b>                            | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 03:46 | 74-83-9    |       |
| Carbon tetrachloride       | <b>1.1 U</b>                            | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 03:46 | 56-23-5    |       |
| Chlorobenzene              | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 03:46 | 108-90-7   |       |
| Chloroethane               | <b>5.4 I</b>                            | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 03:46 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | <b>1.4 U</b>                            | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 03:46 | 110-75-8   | c2    |
| Chloroform                 | <b>0.32 U</b>                           | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 03:46 | 67-66-3    |       |
| Chloromethane              | <b>0.97 U</b>                           | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 03:46 | 74-87-3    | J(v2) |
| Dibromochloromethane       | <b>0.45 U</b>                           | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 03:46 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | <b>0.29 U</b>                           | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 03:46 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | <b>0.33 U</b>                           | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 03:46 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | <b>0.28 U</b>                           | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 03:46 | 106-46-7   |       |
| Dichlorodifluoromethane    | <b>0.26 U</b>                           | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 03:46 | 75-71-8    |       |
| 1,1-Dichloroethane         | <b>0.34 U</b>                           | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 03:46 | 75-34-3    |       |
| 1,2-Dichloroethane         | <b>0.27 U</b>                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 03:46 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | <b>250</b>                              | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 01:33 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | <b>0.27 U</b>                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 03:46 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | <b>234</b>                              | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 01:33 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | <b>16.4</b>                             | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 03:46 | 156-60-5   |       |
| 1,2-Dichloropropane        | <b>0.23 U</b>                           | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 03:46 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 03:46 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 03:46 | 10061-02-6 |       |
| Methylene Chloride         | <b>2.0 U</b>                            | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 03:46 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | <b>0.20 U</b>                           | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 03:46 | 79-34-5    |       |
| Tetrachloroethene          | <b>0.38 U</b>                           | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 03:46 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 03:46 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 03:46 | 79-00-5    |       |
| Trichloroethene            | <b>0.61 I</b>                           | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 03:46 | 79-01-6    |       |
| Trichlorofluoromethane     | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 03:46 | 75-69-4    |       |
| Vinyl chloride             | <b>155</b>                              | ug/L                      | 1.0                      | 0.39          | 1  |          | 04/01/20 03:46 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 89                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 03:46 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 106                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 03:46 | 17060-07-0 |       |
| Toluene-d8 (S)             | 97                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 03:46 | 2037-26-5  |       |

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: INJ-24             | Lab ID: 35540438008                     | Collected: 03/25/20 13:55 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | 0.19 U                                  | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 04:11 | 75-27-4    |       |
| Bromoform                  | 2.6 U                                   | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 04:11 | 75-25-2    | J(v2) |
| Bromomethane               | 4.0 U                                   | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 04:11 | 74-83-9    |       |
| Carbon tetrachloride       | 1.1 U                                   | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 04:11 | 56-23-5    |       |
| Chlorobenzene              | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 04:11 | 108-90-7   |       |
| Chloroethane               | 6.2 I                                   | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 04:11 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | 1.4 U                                   | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 04:11 | 110-75-8   | c2    |
| Chloroform                 | 0.32 U                                  | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 04:11 | 67-66-3    |       |
| Chloromethane              | 0.97 U                                  | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 04:11 | 74-87-3    | J(v2) |
| Dibromochloromethane       | 0.45 U                                  | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 04:11 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | 0.29 U                                  | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 04:11 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | 0.33 U                                  | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 04:11 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | 0.28 U                                  | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 04:11 | 106-46-7   |       |
| Dichlorodifluoromethane    | 0.26 U                                  | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 04:11 | 75-71-8    |       |
| 1,1-Dichloroethane         | 0.34 U                                  | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 04:11 | 75-34-3    |       |
| 1,2-Dichloroethane         | 0.27 U                                  | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 04:11 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | 105                                     | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 04:11 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | 0.27 U                                  | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 04:11 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | 89.9                                    | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 04:11 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | 15.5                                    | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 04:11 | 156-60-5   |       |
| 1,2-Dichloropropane        | 0.23 U                                  | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 04:11 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 04:11 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 04:11 | 10061-02-6 |       |
| Methylene Chloride         | 2.0 U                                   | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 04:11 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | 0.20 U                                  | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 04:11 | 79-34-5    |       |
| Tetrachloroethene          | 0.38 U                                  | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 04:11 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 04:11 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 04:11 | 79-00-5    |       |
| Trichloroethene            | 0.36 U                                  | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 04:11 | 79-01-6    |       |
| Trichlorofluoromethane     | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 04:11 | 75-69-4    |       |
| Vinyl chloride             | 44.4                                    | ug/L                      | 1.0                      | 0.39          | 1  |          | 04/01/20 04:11 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 89                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 04:11 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 107                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 04:11 | 17060-07-0 |       |
| Toluene-d8 (S)             | 97                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 04:11 | 2037-26-5  |       |

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: INJ-38             | Lab ID: 35540438009                     | Collected: 03/26/20 08:50 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | 0.19 U                                  | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 04:36 | 75-27-4    |       |
| Bromoform                  | 2.6 U                                   | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 04:36 | 75-25-2    | J(v2) |
| Bromomethane               | 4.0 U                                   | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 04:36 | 74-83-9    |       |
| Carbon tetrachloride       | 1.1 U                                   | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 04:36 | 56-23-5    |       |
| Chlorobenzene              | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 04:36 | 108-90-7   |       |
| Chloroethane               | 29.6                                    | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 04:36 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | 1.4 U                                   | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 04:36 | 110-75-8   | c2    |
| Chloroform                 | 0.32 U                                  | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 04:36 | 67-66-3    |       |
| Chloromethane              | 0.97 U                                  | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 04:36 | 74-87-3    | J(v2) |
| Dibromochloromethane       | 0.45 U                                  | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 04:36 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | 0.29 U                                  | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 04:36 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | 0.33 U                                  | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 04:36 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | 0.28 U                                  | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 04:36 | 106-46-7   |       |
| Dichlorodifluoromethane    | 0.26 U                                  | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 04:36 | 75-71-8    |       |
| 1,1-Dichloroethane         | 0.34 U                                  | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 04:36 | 75-34-3    |       |
| 1,2-Dichloroethane         | 0.27 U                                  | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 04:36 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | 440                                     | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 01:58 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | 0.27 U                                  | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 04:36 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | 426                                     | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 01:58 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | 14.3                                    | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 04:36 | 156-60-5   |       |
| 1,2-Dichloropropane        | 0.23 U                                  | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 04:36 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 04:36 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | 0.17 U                                  | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 04:36 | 10061-02-6 |       |
| Methylene Chloride         | 2.0 U                                   | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 04:36 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | 0.20 U                                  | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 04:36 | 79-34-5    |       |
| Tetrachloroethene          | 0.38 U                                  | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 04:36 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 04:36 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | 0.30 U                                  | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 04:36 | 79-00-5    |       |
| Trichloroethene            | 0.79 I                                  | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 04:36 | 79-01-6    |       |
| Trichlorofluoromethane     | 0.35 U                                  | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 04:36 | 75-69-4    |       |
| Vinyl chloride             | 305                                     | ug/L                      | 10.0                     | 3.9           | 10 |          | 04/02/20 01:58 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 87                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 04:36 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 107                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 04:36 | 17060-07-0 |       |
| Toluene-d8 (S)             | 97                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 04:36 | 2037-26-5  |       |

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: INJ-30             | Lab ID: 35540438010                     | Collected: 03/26/20 10:00 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | <b>0.19 U</b>                           | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 05:00 | 75-27-4    |       |
| Bromoform                  | <b>2.6 U</b>                            | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 05:00 | 75-25-2    | J(v2) |
| Bromomethane               | <b>4.0 U</b>                            | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 05:00 | 74-83-9    |       |
| Carbon tetrachloride       | <b>1.1 U</b>                            | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 05:00 | 56-23-5    |       |
| Chlorobenzene              | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 05:00 | 108-90-7   |       |
| Chloroethane               | <b>3.7 U</b>                            | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 05:00 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | <b>1.4 U</b>                            | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 05:00 | 110-75-8   | c2    |
| Chloroform                 | <b>0.32 U</b>                           | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 05:00 | 67-66-3    |       |
| Chloromethane              | <b>0.97 U</b>                           | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 05:00 | 74-87-3    | J(v2) |
| Dibromochloromethane       | <b>0.45 U</b>                           | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 05:00 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | <b>0.29 U</b>                           | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 05:00 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | <b>0.33 U</b>                           | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 05:00 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | <b>0.28 U</b>                           | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 05:00 | 106-46-7   |       |
| Dichlorodifluoromethane    | <b>0.26 U</b>                           | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 05:00 | 75-71-8    |       |
| 1,1-Dichloroethane         | <b>0.34 U</b>                           | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 05:00 | 75-34-3    |       |
| 1,2-Dichloroethane         | <b>0.27 U</b>                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 05:00 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | <b>603</b>                              | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 02:23 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | <b>2.1</b>                              | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 05:00 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | <b>570</b>                              | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 02:23 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | <b>32.2</b>                             | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 05:00 | 156-60-5   |       |
| 1,2-Dichloropropane        | <b>0.23 U</b>                           | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 05:00 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 05:00 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 05:00 | 10061-02-6 |       |
| Methylene Chloride         | <b>2.0 U</b>                            | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 05:00 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | <b>0.20 U</b>                           | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 05:00 | 79-34-5    |       |
| Tetrachloroethene          | <b>0.38 U</b>                           | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 05:00 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 05:00 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 05:00 | 79-00-5    |       |
| Trichloroethene            | <b>1.9</b>                              | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 05:00 | 79-01-6    |       |
| Trichlorofluoromethane     | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 05:00 | 75-69-4    |       |
| Vinyl chloride             | <b>222</b>                              | ug/L                      | 10.0                     | 3.9           | 10 |          | 04/02/20 02:23 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 90                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 05:00 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 111                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 05:00 | 17060-07-0 |       |
| Toluene-d8 (S)             | 101                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 05:00 | 2037-26-5  |       |

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

| Sample: MW-20S             | Lab ID: 35540438011                     | Collected: 03/26/20 13:55 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | <b>0.19 U</b>                           | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 05:25 | 75-27-4    |       |
| Bromoform                  | <b>2.6 U</b>                            | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 05:25 | 75-25-2    | J(v2) |
| Bromomethane               | <b>4.0 U</b>                            | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 05:25 | 74-83-9    |       |
| Carbon tetrachloride       | <b>1.1 U</b>                            | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 05:25 | 56-23-5    |       |
| Chlorobenzene              | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 05:25 | 108-90-7   |       |
| Chloroethane               | <b>25.5</b>                             | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 05:25 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | <b>1.4 U</b>                            | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 05:25 | 110-75-8   | c2    |
| Chloroform                 | <b>0.32 U</b>                           | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 05:25 | 67-66-3    |       |
| Chloromethane              | <b>0.97 U</b>                           | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 05:25 | 74-87-3    | J(v2) |
| Dibromochloromethane       | <b>0.45 U</b>                           | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 05:25 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | <b>0.29 U</b>                           | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 05:25 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | <b>0.33 U</b>                           | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 05:25 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | <b>0.28 U</b>                           | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 05:25 | 106-46-7   |       |
| Dichlorodifluoromethane    | <b>0.26 U</b>                           | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 05:25 | 75-71-8    |       |
| 1,1-Dichloroethane         | <b>0.34 U</b>                           | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 05:25 | 75-34-3    |       |
| 1,2-Dichloroethane         | <b>0.27 U</b>                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 05:25 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | <b>808</b>                              | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 02:48 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | <b>3.7</b>                              | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 05:25 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | <b>718</b>                              | ug/L                      | 10.0                     | 2.7           | 10 |          | 04/02/20 02:48 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | <b>89.4</b>                             | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 05:25 | 156-60-5   |       |
| 1,2-Dichloropropane        | <b>0.23 U</b>                           | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 05:25 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 05:25 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 05:25 | 10061-02-6 |       |
| Methylene Chloride         | <b>2.0 U</b>                            | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 05:25 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | <b>0.20 U</b>                           | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 05:25 | 79-34-5    |       |
| Tetrachloroethene          | <b>0.38 U</b>                           | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 05:25 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 05:25 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 05:25 | 79-00-5    |       |
| Trichloroethene            | <b>83.4</b>                             | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 05:25 | 79-01-6    |       |
| Trichlorofluoromethane     | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 05:25 | 75-69-4    |       |
| Vinyl chloride             | <b>314</b>                              | ug/L                      | 10.0                     | 3.9           | 10 |          | 04/02/20 02:48 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | <b>87</b>                               | %                         | 70-130                   |               | 1  |          | 04/01/20 05:25 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | <b>108</b>                              | %                         | 70-130                   |               | 1  |          | 04/01/20 05:25 | 17060-07-0 |       |
| Toluene-d8 (S)             | <b>96</b>                               | %                         | 70-130                   |               | 1  |          | 04/01/20 05:25 | 2037-26-5  |       |

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

| Sample: MW-17S             | Lab ID: 35540438012                     | Collected: 03/27/20 13:55 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |       |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|-------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual  |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |       |
| Bromodichloromethane       | <b>0.19 U</b>                           | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/01/20 05:50 | 75-27-4    |       |
| Bromoform                  | <b>2.6 U</b>                            | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/01/20 05:50 | 75-25-2    | J(v2) |
| Bromomethane               | <b>4.0 U</b>                            | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/01/20 05:50 | 74-83-9    |       |
| Carbon tetrachloride       | <b>1.1 U</b>                            | ug/L                      | 3.0                      | 1.1           | 1  |          | 04/01/20 05:50 | 56-23-5    |       |
| Chlorobenzene              | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 05:50 | 108-90-7   |       |
| Chloroethane               | <b>5.9 I</b>                            | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/01/20 05:50 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | <b>1.4 U</b>                            | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/01/20 05:50 | 110-75-8   | c2    |
| Chloroform                 | <b>0.32 U</b>                           | ug/L                      | 1.0                      | 0.32          | 1  |          | 04/01/20 05:50 | 67-66-3    |       |
| Chloromethane              | <b>0.97 U</b>                           | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/01/20 05:50 | 74-87-3    | J(v2) |
| Dibromochloromethane       | <b>0.45 U</b>                           | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/01/20 05:50 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | <b>0.29 U</b>                           | ug/L                      | 1.0                      | 0.29          | 1  |          | 04/01/20 05:50 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | <b>0.33 U</b>                           | ug/L                      | 1.0                      | 0.33          | 1  |          | 04/01/20 05:50 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | <b>0.28 U</b>                           | ug/L                      | 1.0                      | 0.28          | 1  |          | 04/01/20 05:50 | 106-46-7   |       |
| Dichlorodifluoromethane    | <b>0.26 U</b>                           | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/01/20 05:50 | 75-71-8    |       |
| 1,1-Dichloroethane         | <b>0.34 U</b>                           | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/01/20 05:50 | 75-34-3    |       |
| 1,2-Dichloroethane         | <b>0.27 U</b>                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 05:50 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | <b>148</b>                              | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 05:50 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | <b>0.27 U</b>                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 05:50 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | <b>83.6</b>                             | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/01/20 05:50 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | <b>64.8</b>                             | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 05:50 | 156-60-5   |       |
| 1,2-Dichloropropane        | <b>0.23 U</b>                           | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/01/20 05:50 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 05:50 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/01/20 05:50 | 10061-02-6 |       |
| Methylene Chloride         | <b>2.0 U</b>                            | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/01/20 05:50 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | <b>0.20 U</b>                           | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/01/20 05:50 | 79-34-5    |       |
| Tetrachloroethene          | <b>0.38 U</b>                           | ug/L                      | 1.0                      | 0.38          | 1  |          | 04/01/20 05:50 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 05:50 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/01/20 05:50 | 79-00-5    |       |
| Trichloroethene            | <b>0.67 I</b>                           | ug/L                      | 1.0                      | 0.36          | 1  |          | 04/01/20 05:50 | 79-01-6    |       |
| Trichlorofluoromethane     | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/01/20 05:50 | 75-69-4    |       |
| Vinyl chloride             | <b>74.9</b>                             | ug/L                      | 1.0                      | 0.39          | 1  |          | 04/01/20 05:50 | 75-01-4    |       |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 85                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 05:50 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 109                                     | %                         | 70-130                   |               | 1  |          | 04/01/20 05:50 | 17060-07-0 |       |
| Toluene-d8 (S)             | 98                                      | %                         | 70-130                   |               | 1  |          | 04/01/20 05:50 | 2037-26-5  |       |

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

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**Sample: MW-18S**      **Lab ID: 35540438014**      Collected: 03/27/20 13:00      Received: 03/31/20 10:20      Matrix: Water

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| Parameters                 | Results                                 | Units | PQL    | MDL  | DF | Prepared | Analyzed       | CAS No.    | Qual  |
|----------------------------|---|-------|--------|------|----|----------|----------------|------------|-------|
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |       |        |      |    |          |                |            |       |
|                            | Pace Analytical Services - Ormond Beach |       |        |      |    |          |                |            |       |
| Bromodichloromethane       | <b>0.19</b> U                           | ug/L  | 0.60   | 0.19 | 1  |          | 04/01/20 06:14 | 75-27-4    |       |
| Bromoform                  | <b>2.6</b> U                            | ug/L  | 3.0    | 2.6  | 1  |          | 04/01/20 06:14 | 75-25-2    | J(v2) |
| Bromomethane               | <b>4.0</b> U                            | ug/L  | 5.0    | 4.0  | 1  |          | 04/01/20 06:14 | 74-83-9    |       |
| Carbon tetrachloride       | <b>1.1</b> U                            | ug/L  | 3.0    | 1.1  | 1  |          | 04/01/20 06:14 | 56-23-5    |       |
| Chlorobenzene              | <b>0.35</b> U                           | ug/L  | 1.0    | 0.35 | 1  |          | 04/01/20 06:14 | 108-90-7   |       |
| Chloroethane               | <b>31.1</b> U                           | ug/L  | 10.0   | 3.7  | 1  |          | 04/01/20 06:14 | 75-00-3    |       |
| 2-Chloroethylvinyl ether   | <b>1.4</b> U                            | ug/L  | 40.0   | 1.4  | 1  |          | 04/01/20 06:14 | 110-75-8   | c2    |
| Chloroform                 | <b>0.32</b> U                           | ug/L  | 1.0    | 0.32 | 1  |          | 04/01/20 06:14 | 67-66-3    |       |
| Chloromethane              | <b>0.97</b> U                           | ug/L  | 1.0    | 0.97 | 1  |          | 04/01/20 06:14 | 74-87-3    | J(v2) |
| Dibromochloromethane       | <b>0.45</b> U                           | ug/L  | 2.0    | 0.45 | 1  |          | 04/01/20 06:14 | 124-48-1   |       |
| 1,2-Dichlorobenzene        | <b>0.29</b> U                           | ug/L  | 1.0    | 0.29 | 1  |          | 04/01/20 06:14 | 95-50-1    |       |
| 1,3-Dichlorobenzene        | <b>0.33</b> U                           | ug/L  | 1.0    | 0.33 | 1  |          | 04/01/20 06:14 | 541-73-1   |       |
| 1,4-Dichlorobenzene        | <b>0.28</b> U                           | ug/L  | 1.0    | 0.28 | 1  |          | 04/01/20 06:14 | 106-46-7   |       |
| Dichlorodifluoromethane    | <b>0.26</b> U                           | ug/L  | 1.0    | 0.26 | 1  |          | 04/01/20 06:14 | 75-71-8    |       |
| 1,1-Dichloroethane         | <b>0.34</b> U                           | ug/L  | 1.0    | 0.34 | 1  |          | 04/01/20 06:14 | 75-34-3    |       |
| 1,2-Dichloroethane         | <b>0.27</b> U                           | ug/L  | 1.0    | 0.27 | 1  |          | 04/01/20 06:14 | 107-06-2   |       |
| 1,2-Dichloroethene (Total) | <b>424</b>                              | ug/L  | 10.0   | 2.7  | 10 |          | 04/02/20 03:12 | 540-59-0   | N2    |
| 1,1-Dichloroethene         | <b>0.96</b> I                           | ug/L  | 1.0    | 0.27 | 1  |          | 04/01/20 06:14 | 75-35-4    |       |
| cis-1,2-Dichloroethene     | <b>252</b>                              | ug/L  | 10.0   | 2.7  | 10 |          | 04/02/20 03:12 | 156-59-2   |       |
| trans-1,2-Dichloroethene   | <b>172</b>                              | ug/L  | 1.0    | 0.23 | 1  |          | 04/01/20 06:14 | 156-60-5   |       |
| 1,2-Dichloropropane        | <b>0.23</b> U                           | ug/L  | 1.0    | 0.23 | 1  |          | 04/01/20 06:14 | 78-87-5    |       |
| cis-1,3-Dichloropropene    | <b>0.17</b> U                           | ug/L  | 0.50   | 0.17 | 1  |          | 04/01/20 06:14 | 10061-01-5 |       |
| trans-1,3-Dichloropropene  | <b>0.17</b> U                           | ug/L  | 0.50   | 0.17 | 1  |          | 04/01/20 06:14 | 10061-02-6 |       |
| Methylene Chloride         | <b>2.0</b> U                            | ug/L  | 5.0    | 2.0  | 1  |          | 04/01/20 06:14 | 75-09-2    |       |
| 1,1,2,2-Tetrachloroethane  | <b>0.20</b> U                           | ug/L  | 0.50   | 0.20 | 1  |          | 04/01/20 06:14 | 79-34-5    |       |
| Tetrachloroethene          | <b>0.38</b> U                           | ug/L  | 1.0    | 0.38 | 1  |          | 04/01/20 06:14 | 127-18-4   |       |
| 1,1,1-Trichloroethane      | <b>0.30</b> U                           | ug/L  | 1.0    | 0.30 | 1  |          | 04/01/20 06:14 | 71-55-6    |       |
| 1,1,2-Trichloroethane      | <b>0.30</b> U                           | ug/L  | 1.0    | 0.30 | 1  |          | 04/01/20 06:14 | 79-00-5    |       |
| Trichloroethene            | <b>2.4</b>                              | ug/L  | 1.0    | 0.36 | 1  |          | 04/01/20 06:14 | 79-01-6    |       |
| Trichlorofluoromethane     | <b>0.35</b> U                           | ug/L  | 1.0    | 0.35 | 1  |          | 04/01/20 06:14 | 75-69-4    |       |
| Vinyl chloride             | <b>656</b>                              | ug/L  | 10.0   | 3.9  | 10 |          | 04/02/20 03:12 | 75-01-4    |       |
| <b>Surrogates</b>          |   |       |        |      |    |          |                |            |       |
| 4-Bromofluorobenzene (S)   | 85                                      | %     | 70-130 |      | 1  |          | 04/01/20 06:14 | 460-00-4   |       |
| 1,2-Dichloroethane-d4 (S)  | 109                                     | %     | 70-130 |      | 1  |          | 04/01/20 06:14 | 17060-07-0 |       |
| Toluene-d8 (S)             | 97                                      | %     | 70-130 |      | 1  |          | 04/01/20 06:14 | 2037-26-5  |       |

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| Sample: Composite Sample   | Lab ID: 35540438015                     | Collected: 03/30/20 12:00 | Received: 03/31/20 10:20 | Matrix: Water |    |          |                |            |      |
|----------------------------|---|---------------------------|--------------------------|---------------|----|----------|----------------|------------|------|
| Parameters                 | Results                                 | Units                     | PQL                      | MDL           | DF | Prepared | Analyzed       | CAS No.    | Qual |
| <b>8260 MSV</b>            | Analytical Method: EPA 8260             |                           |                          |               |    |          |                |            |      |
|                            | Pace Analytical Services - Ormond Beach |                           |                          |               |    |          |                |            |      |
| Bromodichloromethane       | <b>0.19 U</b>                           | ug/L                      | 0.60                     | 0.19          | 1  |          | 04/02/20 00:04 | 75-27-4    |      |
| Bromoform                  | <b>2.6 U</b>                            | ug/L                      | 3.0                      | 2.6           | 1  |          | 04/02/20 00:04 | 75-25-2    |      |
| Bromomethane               | <b>4.0 U</b>                            | ug/L                      | 5.0                      | 4.0           | 1  |          | 04/02/20 00:04 | 74-83-9    |      |
| Carbon tetrachloride       | <b>0.50 U</b>                           | ug/L                      | 3.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 56-23-5    |      |
| Chlorobenzene              | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 108-90-7   |      |
| Chloroethane               | <b>3.7 U</b>                            | ug/L                      | 10.0                     | 3.7           | 1  |          | 04/02/20 00:04 | 75-00-3    |      |
| 2-Chloroethylvinyl ether   | <b>1.4 U</b>                            | ug/L                      | 40.0                     | 1.4           | 1  |          | 04/02/20 00:04 | 110-75-8   | c2   |
| Chloroform                 | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 67-66-3    |      |
| Chloromethane              | <b>0.97 U</b>                           | ug/L                      | 1.0                      | 0.97          | 1  |          | 04/02/20 00:04 | 74-87-3    |      |
| Dibromochloromethane       | <b>0.45 U</b>                           | ug/L                      | 2.0                      | 0.45          | 1  |          | 04/02/20 00:04 | 124-48-1   |      |
| 1,2-Dichlorobenzene        | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 95-50-1    |      |
| 1,3-Dichlorobenzene        | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 541-73-1   |      |
| 1,4-Dichlorobenzene        | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 106-46-7   |      |
| Dichlorodifluoromethane    | <b>0.26 U</b>                           | ug/L                      | 1.0                      | 0.26          | 1  |          | 04/02/20 00:04 | 75-71-8    |      |
| 1,1-Dichloroethane         | <b>0.34 U</b>                           | ug/L                      | 1.0                      | 0.34          | 1  |          | 04/02/20 00:04 | 75-34-3    |      |
| 1,2-Dichloroethane         | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 107-06-2   |      |
| 1,2-Dichloroethene (Total) | <b>0.62 I</b>                           | ug/L                      | 1.0                      | 0.27          | 1  |          | 04/02/20 00:04 | 540-59-0   | N2   |
| 1,1-Dichloroethene         | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 75-35-4    |      |
| cis-1,2-Dichloroethene     | <b>0.62 I</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 156-59-2   |      |
| trans-1,2-Dichloroethene   | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 156-60-5   |      |
| 1,2-Dichloropropane        | <b>0.23 U</b>                           | ug/L                      | 1.0                      | 0.23          | 1  |          | 04/02/20 00:04 | 78-87-5    |      |
| cis-1,3-Dichloropropene    | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/02/20 00:04 | 10061-01-5 |      |
| trans-1,3-Dichloropropene  | <b>0.17 U</b>                           | ug/L                      | 0.50                     | 0.17          | 1  |          | 04/02/20 00:04 | 10061-02-6 |      |
| Methylene Chloride         | <b>2.0 U</b>                            | ug/L                      | 5.0                      | 2.0           | 1  |          | 04/02/20 00:04 | 75-09-2    |      |
| 1,1,2,2-Tetrachloroethane  | <b>0.20 U</b>                           | ug/L                      | 0.50                     | 0.20          | 1  |          | 04/02/20 00:04 | 79-34-5    |      |
| Tetrachloroethene          | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 127-18-4   |      |
| 1,1,1-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/02/20 00:04 | 71-55-6    |      |
| 1,1,2-Trichloroethane      | <b>0.30 U</b>                           | ug/L                      | 1.0                      | 0.30          | 1  |          | 04/02/20 00:04 | 79-00-5    |      |
| Trichloroethene            | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 79-01-6    |      |
| Trichlorofluoromethane     | <b>0.35 U</b>                           | ug/L                      | 1.0                      | 0.35          | 1  |          | 04/02/20 00:04 | 75-69-4    |      |
| Vinyl chloride             | <b>0.50 U</b>                           | ug/L                      | 1.0                      | 0.50          | 1  |          | 04/02/20 00:04 | 75-01-4    |      |
| <b>Surrogates</b>          |   |                           |                          |               |    |          |                |            |      |
| 4-Bromofluorobenzene (S)   | 98                                      | %                         | 70-130                   |               | 1  |          | 04/02/20 00:04 | 460-00-4   |      |
| 1,2-Dichloroethane-d4 (S)  | 95                                      | %                         | 70-130                   |               | 1  |          | 04/02/20 00:04 | 17060-07-0 |      |
| Toluene-d8 (S)             | 101                                     | %                         | 70-130                   |               | 1  |          | 04/02/20 00:04 | 2037-26-5  |      |

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

|                         |  |                       |   |
|-------------------------|--|-----------------------|---|
| QC Batch:               | 622220   | Analysis Method:      | EPA 8260                                |
| QC Batch Method:        | EPA 8260   | Analysis Description: | 8260 MSV                                |
|                         |  | Laboratory:           | Pace Analytical Services - Ormond Beach |
| Associated Lab Samples: | 35540438001, 35540438002, 35540438003, 35540438004, 35540438005, 35540438006, 35540438007,<br>35540438008, 35540438009, 35540438010, 35540438011, 35540438012, 35540438014 |                       |   |

|                         |  |         |       |
|-------------------------|--|---------|-------|
| METHOD BLANK:           | 3380944  | Matrix: | Water |
| Associated Lab Samples: | 35540438001, 35540438002, 35540438003, 35540438004, 35540438005, 35540438006, 35540438007,<br>35540438008, 35540438009, 35540438010, 35540438011, 35540438012, 35540438014 |         |       |

| Parameter                  | Units | Blank  | Reporting | MDL  | Analyzed       | Qualifiers |
|----------------------------|-------|--------|-----------|------|----------------|------------|
|                            |       | Result | Limit     |      |                |            |
| 1,1,1-Trichloroethane      | ug/L  | 0.30 U | 1.0       | 0.30 | 03/31/20 22:26 |            |
| 1,1,2,2-Tetrachloroethane  | ug/L  | 0.20 U | 0.50      | 0.20 | 03/31/20 22:26 |            |
| 1,1,2-Trichloroethane      | ug/L  | 0.30 U | 1.0       | 0.30 | 03/31/20 22:26 |            |
| 1,1-Dichloroethane         | ug/L  | 0.34 U | 1.0       | 0.34 | 03/31/20 22:26 |            |
| 1,1-Dichloroethene         | ug/L  | 0.27 U | 1.0       | 0.27 | 03/31/20 22:26 |            |
| 1,2-Dichlorobenzene        | ug/L  | 0.29 U | 1.0       | 0.29 | 03/31/20 22:26 |            |
| 1,2-Dichloroethane         | ug/L  | 0.27 U | 1.0       | 0.27 | 03/31/20 22:26 |            |
| 1,2-Dichloroethene (Total) | ug/L  | 0.27 U | 1.0       | 0.27 | 03/31/20 22:26 | N2         |
| 1,2-Dichloropropane        | ug/L  | 0.23 U | 1.0       | 0.23 | 03/31/20 22:26 |            |
| 1,3-Dichlorobenzene        | ug/L  | 0.33 U | 1.0       | 0.33 | 03/31/20 22:26 |            |
| 1,4-Dichlorobenzene        | ug/L  | 0.28 U | 1.0       | 0.28 | 03/31/20 22:26 |            |
| 2-Chloroethylvinyl ether   | ug/L  | 1.4 U  | 40.0      | 1.4  | 03/31/20 22:26 |            |
| Bromodichloromethane       | ug/L  | 0.19 U | 0.60      | 0.19 | 03/31/20 22:26 |            |
| Bromoform                  | ug/L  | 2.6 U  | 3.0       | 2.6  | 03/31/20 22:26 | J(v2)      |
| Bromomethane               | ug/L  | 4.0 U  | 5.0       | 4.0  | 03/31/20 22:26 |            |
| Carbon tetrachloride       | ug/L  | 1.1 U  | 3.0       | 1.1  | 03/31/20 22:26 |            |
| Chlorobenzene              | ug/L  | 0.35 U | 1.0       | 0.35 | 03/31/20 22:26 |            |
| Chloroethane               | ug/L  | 3.7 U  | 10.0      | 3.7  | 03/31/20 22:26 |            |
| Chloroform                 | ug/L  | 0.32 U | 1.0       | 0.32 | 03/31/20 22:26 |            |
| Chloromethane              | ug/L  | 0.97 U | 1.0       | 0.97 | 03/31/20 22:26 | J(v2)      |
| cis-1,2-Dichloroethene     | ug/L  | 0.27 U | 1.0       | 0.27 | 03/31/20 22:26 |            |
| cis-1,3-Dichloropropene    | ug/L  | 0.17 U | 0.50      | 0.17 | 03/31/20 22:26 |            |
| Dibromochloromethane       | ug/L  | 0.45 U | 2.0       | 0.45 | 03/31/20 22:26 |            |
| Dichlorodifluoromethane    | ug/L  | 0.26 U | 1.0       | 0.26 | 03/31/20 22:26 |            |
| Methylene Chloride         | ug/L  | 2.0 U  | 5.0       | 2.0  | 03/31/20 22:26 |            |
| Tetrachloroethene          | ug/L  | 0.38 U | 1.0       | 0.38 | 03/31/20 22:26 |            |
| trans-1,2-Dichloroethene   | ug/L  | 0.23 U | 1.0       | 0.23 | 03/31/20 22:26 |            |
| trans-1,3-Dichloropropene  | ug/L  | 0.17 U | 0.50      | 0.17 | 03/31/20 22:26 |            |
| Trichloroethene            | ug/L  | 0.36 U | 1.0       | 0.36 | 03/31/20 22:26 |            |
| Trichlorofluoromethane     | ug/L  | 0.35 U | 1.0       | 0.35 | 03/31/20 22:26 |            |
| Vinyl chloride             | ug/L  | 0.39 U | 1.0       | 0.39 | 03/31/20 22:26 |            |
| 1,2-Dichloroethane-d4 (S)  | %     | 101    | 70-130    |      | 03/31/20 22:26 |            |
| 4-Bromofluorobenzene (S)   | %     | 93     | 70-130    |      | 03/31/20 22:26 |            |
| Toluene-d8 (S)             | %     | 99     | 70-130    |      | 03/31/20 22:26 |            |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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## QUALITY CONTROL DATA

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

**LABORATORY CONTROL SAMPLE:** 3380945

| Parameter                  | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane      | ug/L  | 20          | 19.9       | 99        | 70-130       |            |
| 1,1,2,2-Tetrachloroethane  | ug/L  | 20          | 20.0       | 100       | 68-125       |            |
| 1,1,2-Trichloroethane      | ug/L  | 20          | 20.9       | 105       | 70-130       |            |
| 1,1-Dichloroethane         | ug/L  | 20          | 20.4       | 102       | 70-130       |            |
| 1,1-Dichloroethene         | ug/L  | 20          | 19.8       | 99        | 66-133       |            |
| 1,2-Dichlorobenzene        | ug/L  | 20          | 19.7       | 99        | 70-130       |            |
| 1,2-Dichloroethane         | ug/L  | 20          | 18.2       | 91        | 70-130       |            |
| 1,2-Dichloroethene (Total) | ug/L  | 40          | 39.3       | 98        | 70-130 N2    |            |
| 1,2-Dichloropropane        | ug/L  | 20          | 20.2       | 101       | 70-130       |            |
| 1,3-Dichlorobenzene        | ug/L  | 20          | 19.8       | 99        | 70-130       |            |
| 1,4-Dichlorobenzene        | ug/L  | 20          | 19.9       | 99        | 70-130       |            |
| 2-Chloroethylvinyl ether   | ug/L  | 20          | 17.1 I     | 85        | 41-140       |            |
| Bromodichloromethane       | ug/L  | 20          | 18.2       | 91        | 70-130       |            |
| Bromoform                  | ug/L  | 20          | 15.9       | 79        | 49-126 J(v3) |            |
| Bromomethane               | ug/L  | 20          | 18.6       | 93        | 10-165       |            |
| Carbon tetrachloride       | ug/L  | 20          | 18.6       | 93        | 63-126       |            |
| Chlorobenzene              | ug/L  | 20          | 19.8       | 99        | 70-130       |            |
| Chloroethane               | ug/L  | 20          | 21.1       | 105       | 71-142       |            |
| Chloroform                 | ug/L  | 20          | 20.3       | 101       | 70-130       |            |
| Chloromethane              | ug/L  | 20          | 14.1       | 70        | 40-140 J(v3) |            |
| cis-1,2-Dichloroethene     | ug/L  | 20          | 19.2       | 96        | 70-130       |            |
| cis-1,3-Dichloropropene    | ug/L  | 20          | 19.2       | 96        | 70-130       |            |
| Dibromochloromethane       | ug/L  | 20          | 18.9       | 94        | 62-118       |            |
| Dichlorodifluoromethane    | ug/L  | 20          | 19.4       | 97        | 47-150       |            |
| Methylene Chloride         | ug/L  | 20          | 20.4       | 102       | 65-136       |            |
| Tetrachloroethene          | ug/L  | 20          | 20.1       | 100       | 64-134       |            |
| trans-1,2-Dichloroethene   | ug/L  | 20          | 20.1       | 100       | 68-127       |            |
| trans-1,3-Dichloropropene  | ug/L  | 20          | 18.8       | 94        | 65-121       |            |
| Trichloroethene            | ug/L  | 20          | 18.9       | 95        | 70-130       |            |
| Trichlorofluoromethane     | ug/L  | 20          | 20.9       | 105       | 65-135       |            |
| Vinyl chloride             | ug/L  | 20          | 17.6       | 88        | 68-131       |            |
| 1,2-Dichloroethane-d4 (S)  | %     |             |            | 100       | 70-130       |            |
| 4-Bromofluorobenzene (S)   | %     |             |            | 94        | 70-130       |            |
| Toluene-d8 (S)             | %     |             |            | 97        | 70-130       |            |

**MATRIX SPIKE SAMPLE:** 3380947

| Parameter                 | Units | 35540438002 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|--------------------|-------------|-----------|----------|--------------|------------|
| 1,1,1-Trichloroethane     | ug/L  | 0.30 U             | 20          | 20.2      | 101      | 70-130       |            |
| 1,1,2,2-Tetrachloroethane | ug/L  | 0.20 U             | 20          | 18.9      | 95       | 68-125       |            |
| 1,1,2-Trichloroethane     | ug/L  | 0.30 U             | 20          | 19.3      | 97       | 70-130       |            |
| 1,1-Dichloroethane        | ug/L  | 0.34 U             | 20          | 17.7      | 89       | 70-130       |            |
| 1,1-Dichloroethene        | ug/L  | 2.5                | 20          | 23.6      | 105      | 66-133       |            |
| 1,2-Dichlorobenzene       | ug/L  | 0.29 U             | 20          | 18.8      | 94       | 70-130       |            |
| 1,2-Dichloroethane        | ug/L  | 0.27 U             | 20          | 17.3      | 87       | 70-130       |            |

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

**MATRIX SPIKE SAMPLE:** 3380947

| Parameter                  | Units | 35540438002<br>Result | Spike<br>Conc. | MS<br>Result | MS<br>% Rec | % Rec<br>Limits | Qualifiers |
|----------------------------|-------|-----------------------|----------------|--------------|-------------|-----------------|------------|
| 1,2-Dichloroethene (Total) | ug/L  | 845                   | 40             | 693          | -380        | 70-130          | N2         |
| 1,2-Dichloropropane        | ug/L  | 0.23 U                | 20             | 20.0         | 100         | 70-130          |            |
| 1,3-Dichlorobenzene        | ug/L  | 0.33 U                | 20             | 19.2         | 96          | 70-130          |            |
| 1,4-Dichlorobenzene        | ug/L  | 0.28 U                | 20             | 19.0         | 95          | 70-130          |            |
| 2-Chloroethylvinyl ether   | ug/L  | 1.4 U                 | 20             | 1.4 U        | 0           | 41-140          | J(M1)      |
| Bromodichloromethane       | ug/L  | 0.19 U                | 20             | 17.2         | 86          | 70-130          |            |
| Bromoform                  | ug/L  | 2.6 U                 | 20             | 13.6         | 68          | 49-126          | J(v3)      |
| Bromomethane               | ug/L  | 4.0 U                 | 20             | 15.4         | 77          | 10-165          |            |
| Carbon tetrachloride       | ug/L  | 1.1 U                 | 20             | 18.8         | 94          | 63-126          |            |
| Chlorobenzene              | ug/L  | 0.35 U                | 20             | 19.3         | 96          | 70-130          |            |
| Chloroethane               | ug/L  | 3.7 U                 | 20             | 26.6         | 133         | 71-142          |            |
| Chloroform                 | ug/L  | 0.32 U                | 20             | 19.8         | 99          | 70-130          |            |
| Chloromethane              | ug/L  | 0.97 U                | 20             | 13.8         | 69          | 40-140          | J(v3)      |
| cis-1,2-Dichloroethene     | ug/L  | 755                   | 20             | 596          | -797        | 70-130          | J(M1),L    |
| cis-1,3-Dichloropropene    | ug/L  | 0.17 U                | 20             | 18.1         | 90          | 70-130          |            |
| Dibromochloromethane       | ug/L  | 0.45 U                | 20             | 17.1         | 85          | 62-118          |            |
| Dichlorodifluoromethane    | ug/L  | 0.26 U                | 20             | 20.7         | 104         | 47-150          |            |
| Methylene Chloride         | ug/L  | 2.0 U                 | 20             | 18.3         | 92          | 65-136          |            |
| Tetrachloroethene          | ug/L  | 0.38 U                | 20             | 19.9         | 100         | 64-134          |            |
| trans-1,2-Dichloroethene   | ug/L  | 90.0                  | 20             | 97.4         | 37          | 68-127          | J(M1)      |
| trans-1,3-Dichloropropene  | ug/L  | 0.17 U                | 20             | 17.3         | 86          | 65-121          |            |
| Trichloroethene            | ug/L  | 26.6                  | 20             | 44.4         | 89          | 70-130          |            |
| Trichlorofluoromethane     | ug/L  | 0.35 U                | 20             | 21.8         | 109         | 65-135          |            |
| Vinyl chloride             | ug/L  | 171                   | 20             | 159          | -61         | 68-131          | J(M1)      |
| 1,2-Dichloroethane-d4 (S)  | %     |                       |                |              | 101         | 70-130          |            |
| 4-Bromofluorobenzene (S)   | %     |                       |                |              | 94          | 70-130          |            |
| Toluene-d8 (S)             | %     |                       |                |              | 97          | 70-130          |            |

**SAMPLE DUPLICATE:** 3380946

| Parameter                  | Units | 35540438001<br>Result | Dup<br>Result | RPD | Max<br>RPD | Qualifiers |
|----------------------------|-------|-----------------------|---------------|-----|------------|------------|
| 1,1,1-Trichloroethane      | ug/L  | 0.30 U                | 0.30 U        |     | 40         |            |
| 1,1,2,2-Tetrachloroethane  | ug/L  | 0.20 U                | 0.20 U        |     | 40         |            |
| 1,1,2-Trichloroethane      | ug/L  | 0.30 U                | 0.30 U        |     | 40         |            |
| 1,1-Dichloroethane         | ug/L  | 0.34 U                | 0.34 U        |     | 40         |            |
| 1,1-Dichloroethene         | ug/L  | 1.5                   | 1.5           | 1   | 40         |            |
| 1,2-Dichlorobenzene        | ug/L  | 0.29 U                | 0.29 U        |     | 40         |            |
| 1,2-Dichloroethane         | ug/L  | 0.27 U                | 0.27 U        |     | 40         |            |
| 1,2-Dichloroethene (Total) | ug/L  | 482                   | 463           | 4   | 40 N2      |            |
| 1,2-Dichloropropane        | ug/L  | 0.23 U                | 0.23 U        |     | 40         |            |
| 1,3-Dichlorobenzene        | ug/L  | 0.33 U                | 0.33 U        |     | 40         |            |
| 1,4-Dichlorobenzene        | ug/L  | 0.28 U                | 0.28 U        |     | 40         |            |
| 2-Chloroethylvinyl ether   | ug/L  | 1.4 U                 | 1.4 U         |     | 40         |            |
| Bromodichloromethane       | ug/L  | 0.19 U                | 0.19 U        |     | 40         |            |
| Bromoform                  | ug/L  | 2.6 U                 | 2.6 U         |     | 40 J(v2)   |            |

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## QUALITY CONTROL DATA

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

SAMPLE DUPLICATE: 3380946

| Parameter                 | Units | 35540438001<br>Result | Dup<br>Result | RPD | Max<br>RPD | Qualifiers |
|---------------------------|-------|-----------------------|---------------|-----|------------|------------|
| Bromomethane              | ug/L  | 4.0 U                 | 4.0 U         |     | 40         |            |
| Carbon tetrachloride      | ug/L  | 1.1 U                 | 1.1 U         |     | 40         |            |
| Chlorobenzene             | ug/L  | 0.35 U                | 0.35 U        |     | 40         |            |
| Chloroethane              | ug/L  | 3.7 U                 | 3.7 U         |     | 40         |            |
| Chloroform                | ug/L  | 0.32 U                | 0.32 U        |     | 40         |            |
| Chloromethane             | ug/L  | 0.97 U                | 0.97 U        |     | 40 J(v2)   |            |
| cis-1,2-Dichloroethene    | ug/L  | 423                   | 401           | 5   | 40 L       |            |
| cis-1,3-Dichloropropene   | ug/L  | 0.17 U                | 0.17 U        |     | 40         |            |
| Dibromochloromethane      | ug/L  | 0.45 U                | 0.45 U        |     | 40         |            |
| Dichlorodifluoromethane   | ug/L  | 0.26 U                | 0.26 U        |     | 40         |            |
| Methylene Chloride        | ug/L  | 2.0 U                 | 2.0 U         |     | 40         |            |
| Tetrachloroethene         | ug/L  | 0.38 U                | 0.38 U        |     | 40         |            |
| trans-1,2-Dichloroethene  | ug/L  | 58.9                  | 62.1          | 5   | 40         |            |
| trans-1,3-Dichloropropene | ug/L  | 0.17 U                | 0.17 U        |     | 40         |            |
| Trichloroethene           | ug/L  | 0.36 U                | 0.36 U        |     | 40         |            |
| Trichlorofluoromethane    | ug/L  | 0.35 U                | 0.35 U        |     | 40         |            |
| Vinyl chloride            | ug/L  | 91.2                  | 97.5          | 7   | 40         |            |
| 1,2-Dichloroethane-d4 (S) | %     | 105                   | 106           |     | 40         |            |
| 4-Bromofluorobenzene (S)  | %     | 91                    | 91            |     | 40         |            |
| Toluene-d8 (S)            | %     | 99                    | 101           |     | 40         |            |

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## **QUALITY CONTROL DATA**

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

QC Batch: 622571 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
Associated Lab Samples: 35540438015 Laboratory: Pace Analytical Services - Ormond Beach

[View Details](#) | [Edit](#) | [Delete](#)

METHOD BLANK: 3382589 Matrix: Water

Associated Lab Samples: 35540438015

| Parameter                  | Units | Blank  |       | Reporting |      | Analyzed       | Qualifiers |
|----------------------------|-------|--------|-------|-----------|------|----------------|------------|
|                            |       | Result | Limit | MDL       |      |                |            |
| 1,1,1-Trichloroethane      | ug/L  | 0.30   | U     | 1.0       | 0.30 | 04/01/20 22:43 |            |
| 1,1,2,2-Tetrachloroethane  | ug/L  | 0.20   | U     | 0.50      | 0.20 | 04/01/20 22:43 |            |
| 1,1,2-Trichloroethane      | ug/L  | 0.30   | U     | 1.0       | 0.30 | 04/01/20 22:43 |            |
| 1,1-Dichloroethane         | ug/L  | 0.34   | U     | 1.0       | 0.34 | 04/01/20 22:43 |            |
| 1,1-Dichloroethene         | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| 1,2-Dichlorobenzene        | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| 1,2-Dichloroethane         | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| 1,2-Dichloroethene (Total) | ug/L  | 0.27   | U     | 1.0       | 0.27 | 04/01/20 22:43 | N2         |
| 1,2-Dichloropropane        | ug/L  | 0.23   | U     | 1.0       | 0.23 | 04/01/20 22:43 |            |
| 1,3-Dichlorobenzene        | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| 1,4-Dichlorobenzene        | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| 2-Chloroethylvinyl ether   | ug/L  | 1.4    | U     | 40.0      | 1.4  | 04/01/20 22:43 |            |
| Bromodichloromethane       | ug/L  | 0.19   | U     | 0.60      | 0.19 | 04/01/20 22:43 |            |
| Bromoform                  | ug/L  | 2.6    | U     | 3.0       | 2.6  | 04/01/20 22:43 |            |
| Bromomethane               | ug/L  | 4.0    | U     | 5.0       | 4.0  | 04/01/20 22:43 |            |
| Carbon tetrachloride       | ug/L  | 0.50   | U     | 3.0       | 0.50 | 04/01/20 22:43 |            |
| Chlorobenzene              | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| Chloroethane               | ug/L  | 3.7    | U     | 10.0      | 3.7  | 04/01/20 22:43 |            |
| Chloroform                 | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| Chloromethane              | ug/L  | 0.97   | U     | 1.0       | 0.97 | 04/01/20 22:43 |            |
| cis-1,2-Dichloroethene     | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| cis-1,3-Dichloropropene    | ug/L  | 0.17   | U     | 0.50      | 0.17 | 04/01/20 22:43 |            |
| Dibromochloromethane       | ug/L  | 0.45   | U     | 2.0       | 0.45 | 04/01/20 22:43 |            |
| Dichlorodifluoromethane    | ug/L  | 0.26   | U     | 1.0       | 0.26 | 04/01/20 22:43 |            |
| Methylene Chloride         | ug/L  | 2.0    | U     | 5.0       | 2.0  | 04/01/20 22:43 |            |
| Tetrachloroethene          | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| trans-1,2-Dichloroethene   | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| trans-1,3-Dichloropropene  | ug/L  | 0.17   | U     | 0.50      | 0.17 | 04/01/20 22:43 |            |
| Trichloroethene            | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| Trichlorofluoromethane     | ug/L  | 0.35   | U     | 1.0       | 0.35 | 04/01/20 22:43 |            |
| Vinyl chloride             | ug/L  | 0.50   | U     | 1.0       | 0.50 | 04/01/20 22:43 |            |
| 1,2-Dichloroethane-d4 (S)  | %     | 97     |       | 70-130    |      | 04/01/20 22:43 |            |
| 4-Bromofluorobenzene (S)   | %     | 98     |       | 70-130    |      | 04/01/20 22:43 |            |
| Toluene-d8 (S)             | %     | 101    |       | 70-130    |      | 04/01/20 22:43 |            |

LABORATORY CONTROL SAMPLE: 3382590

| Parameter             | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,1-Trichloroethane | µg/l  | 20          | 20.0       | 100       | 70-130       |            |

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## QUALITY CONTROL DATA

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

**LABORATORY CONTROL SAMPLE:** 3382590

| Parameter                  | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1,1,2,2-Tetrachloroethane  | ug/L  | 20          | 20.0       | 100       | 68-125       |            |
| 1,1,2-Trichloroethane      | ug/L  | 20          | 20.0       | 100       | 70-130       |            |
| 1,1-Dichloroethane         | ug/L  | 20          | 20.5       | 102       | 70-130       |            |
| 1,1-Dichloroethene         | ug/L  | 20          | 20.6       | 103       | 66-133       |            |
| 1,2-Dichlorobenzene        | ug/L  | 20          | 19.8       | 99        | 70-130       |            |
| 1,2-Dichloroethane         | ug/L  | 20          | 18.4       | 92        | 70-130       |            |
| 1,2-Dichloroethene (Total) | ug/L  | 40          | 38.9       | 97        | 70-130 N2    |            |
| 1,2-Dichloropropane        | ug/L  | 20          | 20.6       | 103       | 70-130       |            |
| 1,3-Dichlorobenzene        | ug/L  | 20          | 19.8       | 99        | 70-130       |            |
| 1,4-Dichlorobenzene        | ug/L  | 20          | 19.6       | 98        | 70-130       |            |
| 2-Chloroethylvinyl ether   | ug/L  | 20          | 18.9       | 95        | 41-140       |            |
| Bromodichloromethane       | ug/L  | 20          | 19.5       | 98        | 70-130       |            |
| Bromoform                  | ug/L  | 20          | 19.1       | 96        | 49-126       |            |
| Bromomethane               | ug/L  | 20          | 23.2       | 116       | 10-165       |            |
| Carbon tetrachloride       | ug/L  | 20          | 18.8       | 94        | 63-126       |            |
| Chlorobenzene              | ug/L  | 20          | 19.8       | 99        | 70-130       |            |
| Chloroethane               | ug/L  | 20          | 22.1       | 110       | 71-142       |            |
| Chloroform                 | ug/L  | 20          | 20.3       | 102       | 70-130       |            |
| Chloromethane              | ug/L  | 20          | 18.5       | 93        | 40-140       |            |
| cis-1,2-Dichloroethene     | ug/L  | 20          | 19.3       | 97        | 70-130       |            |
| cis-1,3-Dichloropropene    | ug/L  | 20          | 21.1       | 105       | 70-130       |            |
| Dibromochloromethane       | ug/L  | 20          | 19.6       | 98        | 62-118       |            |
| Dichlorodifluoromethane    | ug/L  | 20          | 20.0       | 100       | 47-150       |            |
| Methylene Chloride         | ug/L  | 20          | 22.1       | 111       | 65-136       |            |
| Tetrachloroethene          | ug/L  | 20          | 20.3       | 101       | 64-134       |            |
| trans-1,2-Dichloroethene   | ug/L  | 20          | 19.6       | 98        | 68-127       |            |
| trans-1,3-Dichloropropene  | ug/L  | 20          | 20.3       | 102       | 65-121       |            |
| Trichloroethene            | ug/L  | 20          | 19.0       | 95        | 70-130       |            |
| Trichlorofluoromethane     | ug/L  | 20          | 22.1       | 110       | 65-135       |            |
| Vinyl chloride             | ug/L  | 20          | 18.6       | 93        | 68-131       |            |
| 1,2-Dichloroethane-d4 (S)  | %     |             |            | 99        | 70-130       |            |
| 4-Bromofluorobenzene (S)   | %     |             |            | 100       | 70-130       |            |
| Toluene-d8 (S)             | %     |             |            | 101       | 70-130       |            |

**MATRIX SPIKE SAMPLE:** 3382592

| Parameter                  | Units | 35540491002 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|----------------------------|-------|--------------------|-------------|-----------|----------|--------------|------------|
| 1,1,1-Trichloroethane      | ug/L  | 0.30 U             | 20          | 22.0      | 110      | 70-130       |            |
| 1,1,2,2-Tetrachloroethane  | ug/L  | 0.20 U             | 20          | 21.0      | 105      | 68-125       |            |
| 1,1,2-Trichloroethane      | ug/L  | 0.30 U             | 20          | 21.3      | 107      | 70-130       |            |
| 1,1-Dichloroethane         | ug/L  | 0.34 U             | 20          | 22.4      | 112      | 70-130       |            |
| 1,1-Dichloroethene         | ug/L  | 0.50 U             | 20          | 24.4      | 122      | 66-133       |            |
| 1,2-Dichlorobenzene        | ug/L  | 0.50 U             | 20          | 20.8      | 104      | 70-130       |            |
| 1,2-Dichloroethane         | ug/L  | 0.50 U             | 20          | 19.6      | 98       | 70-130       |            |
| 1,2-Dichloroethene (Total) | ug/L  | 0.27 U             | 40          | 42.4      | 106      | 70-130 N2    |            |

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## QUALITY CONTROL DATA

Project: Pfizer - Carolina PR-Revised Report

Pace Project No.: 35540438

| MATRIX SPIKE SAMPLE:      | 3382592 |             |             |           |          |              |            |
|---------------------------|---------|-------------|-------------|-----------|----------|--------------|------------|
| Parameter                 | Units   | 35540491002 | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
| 1,2-Dichloropropane       | ug/L    | 0.23 U      | 20          | 22.1      | 111      | 70-130       |            |
| 1,3-Dichlorobenzene       | ug/L    | 0.50 U      | 20          | 20.4      | 102      | 70-130       |            |
| 1,4-Dichlorobenzene       | ug/L    | 0.50 U      | 20          | 20.4      | 102      | 70-130       |            |
| 2-Chloroethylvinyl ether  | ug/L    | 1.4 U       | 20          | 1.4 U     | 0        | 41-140 J(M1) |            |
| Bromodichloromethane      | ug/L    | 0.19 U      | 20          | 20.8      | 104      | 70-130       |            |
| Bromoform                 | ug/L    | 2.6 U       | 20          | 17.0      | 85       | 49-126       |            |
| Bromomethane              | ug/L    | 4.0 U       | 20          | 4.3 I     | 21       | 10-165       |            |
| Carbon tetrachloride      | ug/L    | 0.50 U      | 20          | 20.1      | 101      | 63-126       |            |
| Chlorobenzene             | ug/L    | 0.50 U      | 20          | 21.1      | 105      | 70-130       |            |
| Chloroethane              | ug/L    | 3.7 U       | 20          | 26.0      | 130      | 71-142       |            |
| Chloroform                | ug/L    | 0.50 U      | 20          | 22.2      | 111      | 70-130       |            |
| Chloromethane             | ug/L    | 0.97 U      | 20          | 19.2      | 96       | 40-140       |            |
| cis-1,2-Dichloroethene    | ug/L    | 0.50 U      | 20          | 20.9      | 105      | 70-130       |            |
| cis-1,3-Dichloropropene   | ug/L    | 0.17 U      | 20          | 19.9      | 100      | 70-130       |            |
| Dibromochloromethane      | ug/L    | 0.45 U      | 20          | 18.9      | 95       | 62-118       |            |
| Dichlorodifluoromethane   | ug/L    | 0.26 U      | 20          | 23.2      | 116      | 47-150       |            |
| Methylene Chloride        | ug/L    | 2.0 U       | 20          | 22.6      | 113      | 65-136       |            |
| Tetrachloroethene         | ug/L    | 0.50 U      | 20          | 21.8      | 109      | 64-134       |            |
| trans-1,2-Dichloroethene  | ug/L    | 0.50 U      | 20          | 21.5      | 107      | 68-127       |            |
| trans-1,3-Dichloropropene | ug/L    | 0.17 U      | 20          | 19.2      | 96       | 65-121       |            |
| Trichloroethene           | ug/L    | 0.50 U      | 20          | 20.8      | 104      | 70-130       |            |
| Trichlorofluoromethane    | ug/L    | 0.35 U      | 20          | 26.0      | 130      | 65-135       |            |
| Vinyl chloride            | ug/L    | 0.50 U      | 20          | 21.0      | 105      | 68-131       |            |
| 1,2-Dichloroethane-d4 (S) | %       |             |             |           | 100      | 70-130       |            |
| 4-Bromofluorobenzene (S)  | %       |             |             |           | 98       | 70-130       |            |
| Toluene-d8 (S)            | %       |             |             |           | 102      | 70-130       |            |

SAMPLE DUPLICATE: 3382591

| Parameter                  | Units | 35540491001 | Dup Result | Max RPD | Qualifiers |
|----------------------------|-------|-------------|------------|---------|------------|
|                            |       | Result      | RPD        | RPD     |            |
| 1,1,1-Trichloroethane      | ug/L  | 0.30 U      | 0.30 U     | 40      |            |
| 1,1,2,2-Tetrachloroethane  | ug/L  | 0.20 U      | 0.20 U     | 40      |            |
| 1,1,2-Trichloroethane      | ug/L  | 0.30 U      | 0.30 U     | 40      |            |
| 1,1-Dichloroethane         | ug/L  | 0.34 U      | 0.34 U     | 40      |            |
| 1,1-Dichloroethene         | ug/L  | 0.50 U      | 0.50 U     | 40      |            |
| 1,2-Dichlorobenzene        | ug/L  | 0.50 U      | 0.50 U     | 40      |            |
| 1,2-Dichloroethane         | ug/L  | 0.50 U      | 0.50 U     | 40      |            |
| 1,2-Dichloroethene (Total) | ug/L  | 0.27 U      | 0.27 U     | 40 N2   |            |
| 1,2-Dichloropropane        | ug/L  | 0.23 U      | 0.23 U     | 40      |            |
| 1,3-Dichlorobenzene        | ug/L  | 0.50 U      | 0.50 U     | 40      |            |
| 1,4-Dichlorobenzene        | ug/L  | 0.50 U      | 0.50 U     | 40      |            |
| 2-Chloroethylvinyl ether   | ug/L  | 1.4 U       | 1.4 U      | 40      |            |
| Bromodichloromethane       | ug/L  | 0.19 U      | 0.19 U     | 40      |            |
| Bromoform                  | ug/L  | 2.6 U       | 2.6 U      | 40      |            |
| Bromomethane               | ug/L  | 4.0 U       | 4.0 U      | 40      |            |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

SAMPLE DUPLICATE: 3382591

| Parameter                 | Units | 35540491001<br>Result | Dup<br>Result | RPD | Max<br>RPD | Qualifiers |
|---------------------------|-------|-----------------------|---------------|-----|------------|------------|
| Carbon tetrachloride      | ug/L  | 0.50 U                | 0.50 U        |     | 40         |            |
| Chlorobenzene             | ug/L  | 0.50 U                | 0.50 U        |     | 40         |            |
| Chloroethane              | ug/L  | 3.7 U                 | 3.7 U         |     | 40         |            |
| Chloroform                | ug/L  | 0.50 U                | 0.50 U        |     | 40         |            |
| Chloromethane             | ug/L  | 0.97 U                | 0.97 U        |     | 40         |            |
| cis-1,2-Dichloroethene    | ug/L  | 0.50 U                | 0.50 U        |     | 40         |            |
| cis-1,3-Dichloropropene   | ug/L  | 0.17 U                | 0.17 U        |     | 40         |            |
| Dibromochloromethane      | ug/L  | 0.45 U                | 0.45 U        |     | 40         |            |
| Dichlorodifluoromethane   | ug/L  | 0.26 U                | 0.26 U        |     | 40         |            |
| Methylene Chloride        | ug/L  | 2.0 U                 | 2.0 U         |     | 40         |            |
| Tetrachloroethene         | ug/L  | 0.50 U                | 0.50 U        |     | 40         |            |
| trans-1,2-Dichloroethene  | ug/L  | 0.50 U                | 0.50 U        |     | 40         |            |
| trans-1,3-Dichloropropene | ug/L  | 0.17 U                | 0.17 U        |     | 40         |            |
| Trichloroethene           | ug/L  | 0.50 U                | 0.50 U        |     | 40         |            |
| Trichlorofluoromethane    | ug/L  | 0.35 U                | 0.35 U        |     | 40         |            |
| Vinyl chloride            | ug/L  | 0.50 U                | 0.50 U        |     | 40         |            |
| 1,2-Dichloroethane-d4 (S) | %     | 97                    | 97            |     | 40         |            |
| 4-Bromofluorobenzene (S)  | %     | 98                    | 99            |     | 40         |            |
| Toluene-d8 (S)            | %     | 102                   | 101           |     | 40         |            |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: Pfizer - Carolina PR-Revised Report  
 Pace Project No.: 35540438

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- U Compound was analyzed for but not detected.
- J(M1) Estimated Value. Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- J(v2) The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
- J(v3) The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.
- L Off-scale high. Actual value is known to be greater than value given.
- N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
- c2 Acid preservation may not be appropriate for the analysis of 2-Chloroethylvinyl ether.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pfizer - Carolina PR-Revised Report  
Pace Project No.: 35540438

| Lab ID      | Sample ID        | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|------------------|-----------------|----------|-------------------|------------------|
| 35540438001 | MW-7S            | EPA 8260        | 622220   |                   |                  |
| 35540438002 | MW-21S           | EPA 8260        | 622220   |                   |                  |
| 35540438003 | MW-2S            | EPA 8260        | 622220   |                   |                  |
| 35540438004 | MW-2D            | EPA 8260        | 622220   |                   |                  |
| 35540438005 | MW-16S           | EPA 8260        | 622220   |                   |                  |
| 35540438006 | INJ-6            | EPA 8260        | 622220   |                   |                  |
| 35540438007 | INJ-23           | EPA 8260        | 622220   |                   |                  |
| 35540438008 | INJ-24           | EPA 8260        | 622220   |                   |                  |
| 35540438009 | INJ-38           | EPA 8260        | 622220   |                   |                  |
| 35540438010 | INJ-30           | EPA 8260        | 622220   |                   |                  |
| 35540438011 | MW-20S           | EPA 8260        | 622220   |                   |                  |
| 35540438012 | MW-17S           | EPA 8260        | 622220   |                   |                  |
| 35540438014 | MW-18S           | EPA 8260        | 622220   |                   |                  |
| 35540438015 | Composite Sample | EPA 8260        | 622571   |                   |                  |

### REPORT OF LABORATORY ANALYSIS

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WO# : 35540438

Section /  
Required  
35540438

## Required Project Information:

|   |                                    |
|---|------------------------------------|
| Company: Golder Associates, Inc. Jacksonville | Report To: Matt Crews, PE          |
| Address: 9428 Baymeadows Road                 | Copy To:                           |
| Jacksonville, FL 32256                        | Company Name:                      |
| Email: matt_crews@golder.com                  | Address:                           |
| Phone: (904)207-6023                          | Purchase Order #:                  |
| Fax:  | Project Name: Pfizer - Carolina PR |
| Requested Due Date:                           | Project #:                         |

## CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

## Section C

## Invoice Information:

|  |                    |
|--|--------------------|
| Attention:                                   | Regulatory Agency: |
| Company Name:                                |                    |
| Address:                                     |                    |
| Pace Quote:                                  |                    |
| Pace Project Manager: todd.rea@pacelabs.com, |                    |
| Pace Profile #: 10900                        |                    |

Page : 1 Of 1

## State / Location

PR

| ITEM #                    | SAMPLE ID<br><br>One Character per box.<br>(A-Z, 0-9 /, -)<br><br>Sample Ids must be unique | MATRIX<br>Drinking Water<br>Water<br>Waste Water<br>Product<br>Soil/Solid<br>Oil<br>Wipe<br>Air<br>Other<br>Tissue | CODE<br>DW<br>WT<br>WW<br>P<br>SL<br>OL<br>WP<br>AR<br>OT<br>TS | MATRIX CODE (see valid codes to left)<br>G=GRAB G=COMP | COLLECTED         |                   |                   |                  | SAMPLE TEMP AT COLLECTION<br># OF CONTAINERS | Preservatives             |      |     |      |                |              | Requested Analysis Filtered (Y/N) |               |          |          | Residual Chlorine (Y/N) |
|---------------------------|---|--|---|--|-------------------|-------------------|-------------------|------------------|--|---------------------------|------|-----|------|----------------|--------------|-----------------------------------|---------------|----------|----------|-------------------------|
|                           |   |  |   |  | START             |                   | END               |                  |  | Unpreserved               |      |     |      |                |              | CVOCs (8260)                      |               |          |          |                         |
|                           |   |  |   |  | DATE              | TIME              | DATE              | TIME             |  | H2SO4                     | HNO3 | HCl | NaOH | Na2S2O3        | Methanol     | Other                             | Analyses Test | Y/N      |          |                         |
| 1                         | <i>MW - 185</i>   | <i>W</i>   | <i>G</i>  | <i>3/27 15:00</i>                                      | <i>3/27 13:00</i> | <i>3/27 15:00</i> | <i>3/27 13:00</i> | <i>3</i>         |  | X                         |      | X   |      |                |              |                                   |               |          |          |                         |
| 2                         | <i>Composite Sample</i>   | <i>W</i>   | <i>R</i>  | <i>3/30 12:00</i>                                      | <i>3/30 12:00</i> | <i>3/30 12:00</i> | <i>3/30 12:00</i> | <i>3</i>         |  | X                         |      | X   |      |                |              |                                   |               |          |          |                         |
| 3                         |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| 4                         |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| 5                         |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| 6                         |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| 7                         |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| 8                         |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| 9                         |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| 10                        |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| 11                        |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| 12                        |   |  |   |  |                   |                   |                   |                  |  |                           |      |     |      |                |              |                                   |               |          |          |                         |
| ADDITIONAL COMMENTS       |   |  |   | RELINQUISHED BY / AFFILIATION                          |                   |                   |                   | DATE             | TIME   | ACCEPTED BY / AFFILIATION |      |     |      | DATE           | TIME         | SAMPLE CONDITIONS                 |               |          |          |                         |
| <i>Mr. R. A. Schaefer</i> |   |  |   | <i>3/12/2016 10:00</i>                                 |                   |                   |                   | <i>3/12/2016</i> | <i>10:00</i>                                 | <i>L. Pace</i>            |      |     |      | <i>3/10/20</i> | <i>13:00</i> | <i>50</i>                         | <i>X</i>      | <i>N</i> | <i>X</i> |                         |
| <i>John Pace</i>          |   |  |   | <i>3/30/2016 17:00</i>                                 |                   |                   |                   | <i>3/30/2016</i> | <i>17:00</i>                                 | <i>Fe Rea</i>             |      |     |      | <i>3/30/20</i> | <i>17:00</i> |                                   |               |          |          |                         |
|                           |   |  |   |  |                   |                   |                   |                  |  | <i>John Pace</i>          |      |     |      | <i>3/31/20</i> | <i>10:20</i> | <i>C-2</i>                        | <i>Y</i>      | <i>N</i> | <i>Y</i> |                         |

## SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed:

|           |                                      |
|-----------|--------------------------------------|
| TEMP in C | Received on<br>Ice<br>(Y/N)          |
|           | Custody<br>Sealed<br>Cooler<br>(Y/N) |
|           | Samples<br>Intact<br>(Y/N)           |



# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

## Section A

### Required Client Information:

Company: Golder Associates, Inc. Jacksonville  
Address: 9428 Baymeadows Road  
Jacksonville, FL 32256  
Email: matt\_crews@golder.com  
Phone: (904)207-6023 Fax: Requested Due Date:

## Section B

### Required Project Information:

Report To: Matt Crews, PE  
Copy To:  
Purchase Order #:  
Project Name: Pfizer - Carolina PR  
Project #: 10900

## Section C

### Invoice Information:

Attention: Company Name:  
Address: Pace Quote:  
Pace Project Manager: todd.rea@pacelabs.com,  
Pace Profile #: 10900

Page : 1 Of 1

Regulatory Agency

State / Location

PR

| ITEM #               | SAMPLE ID<br><small>One Character per box.<br/>(A-Z, 0-9 / , -)<br/>Sample IDs must be unique</small> | MATRIX<br>Drinking Water<br>Water<br>Waste Water<br>Product<br>Soil/Solid<br>Oil<br>Wipe<br>Air<br>Other<br>Tissue | CODE<br>DW<br>WT<br>WW<br>P<br>SL<br>OL<br>WP<br>AR<br>OT<br>TS | SAMPLE TYPE (G=GRAB C=COMP)<br>G<br>C | COLLECTED  |            |      |         | # OF CONTAINERS | SAMPLE TEMP AT COLLECTION | Preservatives | Analyses Test Y/N | Requested Analysis Filtered (Y/N) |         |       |                   | Residual Chlorine (Y/N) |         |          |
|----------------------|---|--|---|---------------------------------------|------------|------------|------|---------|-----------------|---------------------------|---------------|-------------------|-----------------------------------|---------|-------|-------------------|-------------------------|---------|----------|
|                      |   |  |   |                                       | DATE       | TIME       | DATE | TIME    |                 |                           |               |                   | H2SO4                             | HNO3    | HCl   | NaOH              |                         | Na2S2O3 | Methanol |
| 1                    | MW - 75   |  |   | G                                     | 3/23 13:50 | 3/23 13:50 |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 2                    | MW - 215  |  |   | G                                     | 3/23 14:50 | 3/23 14:50 |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 3                    | MW - 25   |  |   | G                                     | 3/24 9:40  | 3/24 9:40  |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 4                    | MW - 2D   |  |   | G                                     | 3/24 11:00 | 3/24 11:00 |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 5                    | MW - 165  |  |   | G                                     | 3/24 14:00 | 3/24 14:00 |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 6                    | INJ - 6   |  |   | G                                     | 3/25 9:00  | 3/25 9:00  |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 7                    | INJ - 23  |  |   | G                                     | 3/25 10:40 | 3/25 10:40 |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 8                    | INJ - 24  |  |   | G                                     | 3/25 13:50 | 3/25 13:50 |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 9                    | INJ - 38  |  |   | G                                     | 3/26 9:30  | 3/26 9:30  |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 10                   | INJ - 30  |  |   | G                                     | 3/26 10:00 | 3/26 10:00 |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 11                   | MW - 205  |  |   | G                                     | 3/26 13:55 | 3/26 13:55 |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| 12                   | MW - 175  |  |   | G                                     | 3/27 13:50 | 3/27 13:50 |      |         |                 |                           |               | X                 |                                   |         |       |                   |                         |         |          |
| ADDITIONAL COMMENTS  |   |  |   | RELINQUISHED BY / AFFILIATION         |            |            |      | DATE    | TIME            | ACCEPTED BY / AFFILIATION |               |                   |                                   | DATE    | TIME  | SAMPLE CONDITIONS |                         |         |          |
| Sam preserved on Ico |   |  |   | M. G. [Signature]                     |            |            |      | 3/20/20 | 16:00           | PAC                       |               |                   |                                   | 3/20/20 | 13:00 | 30                | X                       | N       | Y        |
|                      |   |  |   | J. G. [Signature]                     |            |            |      | 3/20/20 | 17:00           | FCL/EX                    |               |                   |                                   | 3/20/20 | 17:00 |                   |                         |         |          |
|                      |   |  |   | Haw/Fin                               |            |            |      |         |                 | Haw/Fin                   |               |                   |                                   | 3/31/20 | 10:20 | 0.2               | Y                       | N       | Y        |

### SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed:

|           |                       |
|-----------|-----------------------|
| TEMP in C | Received on Ice (Y/N) |
|           | Custody Sealed        |
|           | Cooler (Y/N)          |
|           | Samples Intact (Y/N)  |

WO# : 35540438

PM: TSR

Due Date: 04/07/20

CLIENT: GOLASC

Document Name:  
Sample Condition Upon Receipt Form  
Document No.:  
F-FL-C-007 rev. 13

Document Revised:  
May 30, 2018  
Issuing Authority:  
Pace Florida Quality Office

## Sample Condition Upon Receipt Form (SCUR)

Project #  
Project Manager:  
Client:

1020

Date and Initials of person:

Examining contents:

Label:

Deliver:

pH:

HNN

Thermometer Used: T349

Date: 3/31/20

Time: 1045

Initials: md

State of Origin:

 For WV projects, all containers verified to ≤ 6 °C

Cooler #1 Temp. °C 0.4 (Visual) -0.2 (Correction Factor) 0.2 (Actual)

 Samples on ice, cooling process has begun

Cooler #2 Temp. °C (Visual) (Correction Factor) (Actual)

 Samples on ice, cooling process has begun

Cooler #3 Temp. °C (Visual) (Correction Factor) (Actual)

 Samples on ice, cooling process has begun

Cooler #4 Temp. °C (Visual) (Correction Factor) (Actual)

 Samples on ice, cooling process has begun

Cooler #5 Temp. °C (Visual) (Correction Factor) (Actual)

 Samples on ice, cooling process has begun

Cooler #6 Temp. °C (Visual) (Correction Factor) (Actual)

 Samples on ice, cooling process has begunCourier:  FedEx  UPS  USPS  Client  Commercial  Pace  Other \_\_\_\_\_Shipping Method:  First Overnight  Priority Overnight  Standard Overnight  Ground  International Priority Other \_\_\_\_\_Billing:  Recipient  Sender  Third Party  Credit Card  Unknown

Tracking #: 1145 1594 9104

Custody Seal on Cooler/Box Present:  Yes  No Seals intact:  Yes  No Ice:  Wet  Blue  Dry  NonePacking Material:  Bubble Wrap  Bubble Bags  None  Other \_\_\_\_\_

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty: \_\_\_\_\_

## Comments:

|  |  |  |
|--|--|--|
| Chain of Custody Present   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Chain of Custody Filled Out  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Relinquished Signature & Sampler Name COC  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Samples Arrived within Hold Time   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Rush TAT requested on COC  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Sufficient Volume  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Correct Containers Used  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Containers Intact  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Sample Labels match COC (sample IDs & date/time of collection)                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| All containers needing acid/base preservation have been checked.                           | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Preservation Information:<br>Preservative: _____<br>Lot #/Trace #: _____<br>Date: _____ Time: _____<br>Initials: _____ |
| All Containers needing preservation are found to be in compliance with EPA recommendation: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |  |
| Exceptions: VOA, Coliform, TOC, O&G, Carbamates  |  |  |
| Headspace in VOA Vials? (>6mm):  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Trip Blank Present:  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |  |

## Client Notification/ Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

## Comments/ Resolution (use back for additional comments):

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Project Manager Review: \_\_\_\_\_

Date: \_\_\_\_\_